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HOME

UNDERGRADUATE CATALOG

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Provision of Catalog

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About this Bulletin

This undergraduate bulletin contains information on academic and non-academic policies, procedures, and requirements with which each student must become familiar. Students should consult the Table of Contents for guidance. Provisions in this bulletin will not be valid after August 2021. The statements set forth in this bulletin are for informational purposes only and should not be construed as the basis of a contract between a student and Texas Southern University. Provisions set forth in publications of individual schools and colleges shall supersede those herein.

Although the provisions of this bulletin will ordinarily be applied as stated, Texas Southern University reserves the right to change any provision listed in this bulletin, including but not limited to academic requirements for graduation, without actual notice to individual students. However, every effort will be made to keep students advised of any such changes. Information concerning changes in policies, procedures, and requirements will be available in the Office of the University Registrar and the offices of the various academic advisors, the academic departments, and the major schools and colleges. It is especially important that each student note that it is his or her responsibility to be aware of current graduation requirements for a particular degree program.

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Guide to Course Offerings

Prefix	Academic Discipline
ACCT	Accounting
AFLN	African Language
AFS	African Studies
AFSC	Air Force Science
AJ	Administration of Justice
ART	Art
AVST	Aviation Science & Technology
BADM	Business Administration
BIOL	Biology
CFDV	Child & Family Development
CHEM	Chemistry
CHNS	Chinese
CIVT	Civil Engineering Technology
CLSC	Clinical Laboratory Sciences
CM	Communication
CMET	Computer Engineering Technology
COE	Cooperative Education
CONS	Construction
COUN	Counseling
CS	Computer Science
CT	Clothing/Textiles
DRAM	Drama
DRFT	Drafting/Design Technology
ECON	Economics
EDAS	Education Administration & Supervision
EDCI	Educational Curriculum & Instr.
EDFD	Education Foundations
EDHI	Higher Educations
ELET	Electronics Engr. Technology
EMGT	Emergency Management
ENG	English
ENGT	Engineering Technology
ENTP	Entrepreneurship
ERM	Entertainment Record Industry Management
FCS	Family Consumer Sciences
FIN	Finance
FN	Foods & Nutrition
FORS	Forensic Science
FR	French
GEOG	Geography

GEOL	Geology
HED	Health Education
HIST	History
HMSC	Homeland Security
HSCR	Health Science Core
HSCS	Human Services & Consumer Science
HSEH	Health Science - Environmental Health
HSHA	Health Science - Health Administration
HSHI	Health Science and Health Information
HSRT	Health Science - Respiratory Therapy
INS	Insurance
ITEC	Industrial Technology
JOUR	Journalism
KIN	Kinesiology
MATH	Mathematics
MFG	Manufacturing
MGMT	Management
MGSC	Management Science
MIS	Management Information Systems
MKTG	Marketing
MSCI	Military Science
MTMS	Maritime Transportation Management Security
MUSA	Applied Music
MUSI	Music
NAVA	Naval Sciences
PA	Public Affairs
PAD	Public Administration
PADM	Pharmacy Administration
PAS	Pharmacology Applied Science
PE	Physical Education
PHAR	Pharmacy
PHCH	Pharmaceutical Chemistry
PHIL	Philosophy
PHS	Pharmaceutical Sciences
PHYS	Physics
POLS	Political Science
PSY	Psychology
RDG	Reading Education
READ	Reading-No Degree-Development
REC	Recreation
RTF	Radio/TV/Film
SC	Speech Communication
SOC	Sociology
SOCW	Social Work
SP	Speech
SPAN	Spanish
SPED	Special Education

SPMT	Sports Management
THEA	Theatre

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Jesse H. Jones Schools of Business

Bachelors

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- Finance, Bachelor of Business Administration (p. 64)
- Management Information Systems, Bachelor of Business Administration (p. 71)
- Management with Human Resource Management Concentration, Bachelor of Business Administration (p. 72)
- Management, Bachelor of Business Administration (p. 74)
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Minors

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The School of Communication

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- Journalism (Broadcast Journalism Concentration), Bachelor of Arts (p. 89)
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College of Education

Bachelors

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- Athletic Training, Bachelor of Science Option IV - (Concentration II) - Non-Teaching (p. 142)
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- Health Studies, Bachelor of Science Option I (Concentration II) Non-Teaching (p. 146)
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College of Liberal Arts and Behavioral Sciences

Bachelors

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Barbara Jordan - Mickey Leland School of Public Affairs

Bachelors

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Minors

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College of Pharmacy and Health Sciences

Bachelors

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College of Science, Engineering and Technology

Bachelors

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Minors

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About the University

Mission

Texas Southern University is a student-centered comprehensive doctoral university committed to ensuring equality, offering innovative programs that are responsive to its urban setting, and transforming diverse students into lifelong learners, engaged citizens, and creative leaders in their local, national, and global communities.

In order to achieve this mission, Texas Southern University provides:

- quality instruction in a culture of innovative teaching and learning;
- basic and applied research and scholarship that is responsive to community issues;
- opportunities for public service that benefit the community and the world.

Vision

Texas Southern University will become one of the nation's preeminent comprehensive metropolitan universities. We will be recognized by the excellence of our programs, the quality of our instruction, our innovative research and creative activities, and our commitment to be a contributing partner to our community, state, nation, and world.

Core Values

- Urban Serving Institution
- Student-Centered Institution
- Excellence
- Fairness
- Collegiality and Collaboration
- Innovation
- Inclusiveness
- Leadership and Responsibility

Organization for Instruction

The University is organized for academic instruction as ten colleges and schools. The names of these instructional units appear below:

- **The Jesse H. Jones School of Business**
- **The College of Education**
- **The Thurgood Marshall School of Law**
- **The School of Communication**
- **The College of Liberal Arts and Behavioral Sciences**
- **The Barbara Jordan - Mickey Leland School of Public Affairs**
- **The College of Pharmacy and Health Sciences**
- **The College of Science, Engineering and Technology**
- **The Graduate School**
- **The Thomas F. Freeman Honors College**

Campuses

Texas Southern University is located in Houston, TX, the fourth largest city in the US and one of the fastest-growing and forward-moving cities in the world. Nestled upon a sprawling 150-acre campus, Texas Southern

University is located in the heart of the city in Houston's historic Third Ward, giving its students and faculty easy access to the Museum District, neighboring educational institutions, the Texas Medical Center, City Hall, downtown Houston, and all of the city's major freeways.

Regents of Administration

Board of Regents

Albert H. Myres, Chair, Liberty

Marc C. Carter, Vice Chair, Houston

Pamela A. Medina, 2nd Vice Chair, Houston

Ron J. Price, Mesquite

Marilyn A. Rose, Houston

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Mary Evans Sias, Ph.D., Richardson

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Office of Board Relations

Faith Ruiz, Executive Director

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Mario Berry, Vice President for Information Technology

Teresa McKinney, Vice President for Student Services/Dean of Students

Melinda Spaulding, Vice President for University Advancement & Media Relations

Hao Le, General Counsel

Edieth Y. Wu, Faculty Senate Chair

Kevin Granger, Vice President of Intercollegiate Athletics

Heidi Smith, Chief of Staff

Officers of Academic Administration

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Omonike Arike Olaleye, Interim Associate Provost/Associate Vice President for Research

Gregory H. Maddox, Dean of the Graduate School and Director of International Programs

David Yen, Dean, Jesse H. Jones School of Business

Rockell Brown, Interim Dean, School of Communication

Bernnell Peltier Glaze, Interim Dean, College of Education

Joan Bullock, Dean, Thurgood Marshall School of Law

Needha Boutte-Queen, Dean, College of Liberal Arts & Behavioral Sciences

George Kieh, Dean, Barbara Jordan-Mickey Leland School of Public Affairs

Rashid Mosavin, Dean, College of Pharmacy and Health Sciences

Azime Saydam, Interim Dean, College of Science, Engineering and Technology

Dianne Jemison-Pollard, Dean, Thomas F. Freeman Honors College

Policies and Accreditation

Notice of Nondiscriminatory Policies

Texas Southern University is in compliance with Title VII of the Civil Rights Act of 1964 and does not discriminate on the basis of race, creed, color, or national origin. It is also in compliance with the provisions of Title IX of the Educational Amendments of 1972 which prohibit discrimination on the basis of sex. Further, the University is in compliance with the Americans with Disabilities Act (ADA) of 1990 and Amendments Act (ADAAA) and with Section 504 of the Rehabilitation Act of 1973 as amended.

It is the policy of the University that sexual harassment as defined in the EEOC Guidelines will not be tolerated among members of the Texas Southern University community. Any complaint of sexual harassment should be reported immediately to the appropriate person designated by the Provost/Vice President for Academic Affairs and Vice President for Research.

Notice of Licensed and Concealed Weapons on Campus Policy

On June 1, 2015, Gov. Greg Abbott signed S.B. 11, also known as the "campus carry" law. S.B. 11 provides that license holders may carry a concealed handgun throughout university campuses, starting Aug. 1, 2016.

Please visit the following web-link to access Texas Southern University's campus carry policy: police.tsu.edu/index.php/prevention-safety/campus-carry (<http://police.tsu.edu/index.php/prevention-safety/campus-carry/>).

Additional information can be found at the TSU Department of Public Safety's web-site: police.tsu.edu (<http://police.tsu.edu/>).

The TSU Department of Public Safety has created a video to inform and educate the campus community regarding the "Campus Carry" Law. Please watch the entire video to stay informed regarding this new law. The video can be accessed at the following YouTube web-link: <https://youtu.be/f7fg4Ts9mVA> (<https://youtu.be/f7fg4Ts9mVA/>).

University Commitment, student Responsibilities, and Freedom of expression

University Commitment

On June 17, 1973, the Texas Legislature designated Texas Southern University a “special purpose institution of higher education for urban programming.” Subsequent to this mandate, the designation and the University motto of “Excellence in Achievement” were welded in order to formulate the institutional mission. Accordingly, the University is committed to the management of a comprehensive educational curriculum that will render the motto creditable.

Student Responsibilities

Texas Southern University provides a student-centered learning environment in which students are afforded opportunities to practice self-discipline, to assume responsibilities as maturing adults, and to enjoy certain freedoms. When students elect to enroll at the University, they also accept and agree to abide by the rules, regulations, and policies by which the University is governed. Inasmuch as enrollment is voluntary, acceptance is voluntary. On this basis, students cannot, without great personal liability to their continued association with the University, obstruct, hamper, disrupt, or otherwise interfere with the institution’s attainment of its lawful mission, please refer to the Student Code of Conduct (www.tsu.edu/ssp/pdf/tsu-student-code-of-conduct.pdf) for additional information. The institution, therefore, has both the right and the obligation to promulgate rules and regulations designed to promote attainment of its purpose.

FREEDOM OF EXPRESSION

Texas Southern University (“TSU”) recognizes that freedom of expression and public assembly are fundamental rights of all persons and are essential components of the education process. These activities promote debate and the sharing of ideas, which are the foundation of educational institutions. In keeping with this responsibility, any person is free to exercise the rights to assemble and engage in expressive activity in a constitutionally protected manner subject only to the content-neutral regulations necessary to fulfill the mission and obligations of TSU, preserve the rights of others, coordinate multiple uses of limited space, assure preservation of the campus facilities and grounds, and assure financial accountability for any damage caused by these activities. Please refer to Student Life policies www.tsu.edu/mapp/pdf/student-affairs/050101-freedom-of-expression-001.pdf for additional information.

Accredited Programs

Texas Southern University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, masters, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions concerning the accreditation of Texas Southern University.

In the College of Liberal Arts and Behavioral Sciences, the Bachelor of Arts (B.A.) Degree in Social Work is accredited by the Council on Social Work Education, and the concentration in Dietetics is accredited by the Accreditation Council for Education in Nutrition and Dietetics.

The College of Education holds NCATE accreditation through the Council for Accreditation of Educator Preparation programs. It is also accredited by the Texas Education Agency and the Texas Workforce Commission. It also holds membership in the Council for the Accreditation of Educator Preparation Programs and the Association of Colleges for Teacher Education.

The Jesse H. Jones School of Business is accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

The Doctor of Pharmacy Program is accredited by the Accreditation Council for Pharmacy Education. The College of Pharmacy and Health Sciences is a member of the American Association of Colleges of Pharmacy.

In the Barbara Jordan-Mickey Leland School of Public Affairs, the Master of Public Administration program is accredited by the Network of Schools of Public Policy, Affairs and Administration (NASPAA) and holds membership in NASPAA; The Masters of Urban Planning and Environmental Policy program is accredited by the Planning Accreditation Board (PAB) and holds membership in the Association of Collegiate Schools of Planning (ACSP).

In the College of Science, Engineering and Technology the following programs hold special certification and/or accreditation: the chemistry program is certified by the American Chemical Society; the electronics engineering technology program is accredited by the Engineering Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (ETAC of ABET); and, the Industrial Technologies and Aviation Science programs are accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

The Thurgood Marshall School of Law is accredited by the American Bar Association and is a member of The Association of American Law Schools, and the American Association of Law Libraries.

Admission Requirements, Enrollment Information and Academic Regulations

- Undergraduate Admissions Requirements (p. 18)
- Enrollment Information/Advising (p. 20)
- Academic Regulations (p. 24)

Undergraduate Admissions Requirements

Texas Southern University is an accredited higher education institution that provides equal educational opportunity. Entering freshman applicants must have earned a minimum cumulative 2.5 GPA on a 4.0 scale in high school. All entering freshman applicants must submit either ACT or SAT scores. All admitted students must meet the admission requirements outlined below, with a minimum combined SAT critical reading/math test scores of 900 or an ACT composite test score of 17 for unconditional admission to the University.

Candidates for undergraduate admission must identify the appropriate category below and follow the indicated steps:

1. **Freshman Admission - Citizens of the United States with diplomas from accredited high schools, GED equivalents, or equivalent examinations from foreign countries that attest to the fact that they**

have attained the high school standard and who have never enrolled for college credits must:

1. Submit an application to Texas Southern University, Office of Undergraduate Admissions, 3100 Cleburne Street, Houston, Texas 77004-9987, or electronically at www.applytexas.org (<https://catalog.tsu.edu/undergraduate/admission-requirements-enrollment-information-academic-regulations/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DAO3ZMRG/www.applytexas.org>)
2. Submit the required non-refundable \$42 application fee or approved fee waiver.
3. Submit an official transcript from an accredited high school that (1) includes the date of graduation, (2) the student's grade point average and class ranking, and (3) for Texas high school graduates, indication of successful completion of Texas Assessment of Knowledge and Skills (TAKS). Effective for fall 2015, the TAKS examination will be replaced by the State of Texas Assessments of Academic Readiness (STAAR) examination.
4. Submit either ACT or SAT scores.
5. Home-schooled students and students who have earned a GED will be individually reviewed for admission and must meet the minimum 17 ACT composite score or 900 SAT score (critical reading and math sections). Texas residents must also submit the Texas Private High School Certification completed by the certifying home-school official for admission.
6. Students seeking dual credit(s) must request an official transcript be sent to the Office of Undergraduate Admissions from the institution where the dual credit(s) was earned, in addition to the official high school transcript.
7. Students seeking credit based on Advanced Placement (AP) scores or International Baccalaureate (IB) scores must request from the testing agency an official score report be sent to the Office of Undergraduate Admissions prior to the start of enrollment of the requested enrollment semester.
8. Summer of Success Program. Freshmen applicants who do not meet the University's admission requirement may be individually reviewed by the University Admissions Committee. Applicants considered for individual review may be required to submit additional documents (e.g., essays, personal statements, interview) to gain admission to the University. Additional Summer of Success information can be viewed at <http://www.tsu.edu/ssp/>

(II) Transfer Admission - Citizens of the United States who have attended another college or university prior to seeking admission to Texas Southern University must: (<http://www.tsu.edu/ssp/>)

1. Submit an application to Texas Southern University, Office of Undergraduate Admissions, 3100 Cleburne Street, Houston, Texas 77004-9987, or electronically at www.applytexas.org (<https://catalog.tsu.edu/undergraduate/admission-requirements-enrollment-information-academic-regulations/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DAO3ZMRG/www.applytexas.org>).
2. Submit the required non-refundable \$42 application fee or approved fee waiver.
3. Submit an official transcript from each college or university previously attended. Transcripts should be sent from the issuing institution(s) electronically; however, they may be hand-carried and delivered in an envelope bearing the unbroken seal of the issuing institution(s).

4. Submit placement test scores or evidence of test exemption eligibility.
5. All transfer applicants who do not meet the University's admission requirement may be individually reviewed by the University Admissions Committee. Applicants considered for individual review may be required to submit additional documents (e.g., high school transcript, ACT/SAT test scores, interview) to gain admission to the University.

(III) Permanent Residents Freshman Admission – Permanent residents of the United States who have diplomas from accredited high schools, GED equivalents, or equivalent examinations from foreign countries that attest to the fact that they have attained the high school standard and who have never previously enrolled for college credits must:

1. Follow the same steps given above for citizens of the United States with diplomas from accredited high schools or GED equivalents.
2. In addition, students must provide proof of permanent resident status and complete Documentation of Proof of Citizenship/Naturalization Form from the Office of Undergraduate Admissions.
3. Submit all specifically needed documents to the Office of Undergraduate Admissions, Texas Southern University 3100 Cleburne Street, Houston, Texas 77004-9987.

(IV) Permanent Residents Transfer Admission - Permanent residents of the United States who wish to transfer from other accredited colleges and universities must:

1. Follow the same steps given above for citizens of the United States.
2. In addition, student must provide proof of permanent resident status and complete Documentation of Proof of Citizenship/Naturalization Form from the Office of Undergraduate Admissions.
3. Evaluation of foreign transcripts. All foreign transcripts must be evaluated by one of the University's approved evaluation Agencies and the evaluation be submitted to the Office of International Student Admissions.

(V) International Freshman Admission - Students who have diplomas from foreign high schools, GED equivalents, or equivalent examinations from foreign countries that attest to the fact that they have attained the high school standard and who have never previously enrolled for college credits must:

1. Complete application online and submit all required documentation along with the required \$78 non-refundable application fee.
2. Send proof of graduation from high school either in conjunction with the application or separately to the Office of International Student Admissions.
3. Provide a certificate of finance/affidavit of support either in conjunction with the application or sent separately to the Office of International Student Admissions.
4. Provide official proof of completion of the TOEFL examination, if applicable, to the Office of International Student Admissions. Applicants must have an earned a minimum TOEFL score of 61, IELTS score of 5.0, or other approved language proficiency exam to qualify for admission.
5. Submit ACT or SAT college entrance exam scores to the Office of International Student Admissions.
6. Request that the current or previously attended language program, if applicable, submit SEVIS information to the Office of International Student Admissions.

(VI) International Transfer Admission - Students who wish to transfer from other accredited colleges or universities must:

1. Complete application online and submit all required documentation along with the required \$78 non-refundable application fee.
2. Request that official transcripts from all colleges and universities attended be sent directly to the Office of International Student Affairs. All foreign transcripts must be evaluated by one of the University's approved evaluation agencies and the evaluation be submitted to the Office of International Student Admissions.
3. Provide a certificate of finance/affidavit of support either in conjunction with the application or sent separately to the Office of International Student Admissions.
4. Provide official proof of completion of the TOEFL examination, if applicable, to the Office of International Student Admissions. Applicants must have an earned a minimum TOEFL score of 61, IELTS score of 5.0, or other approved language proficiency exam to qualify for admission.
5. Request that the current or previously attended college or university submit SEVIS information to the Office of

International Student Admissions

NOTE: The authenticity of transcripts is critical to the admissions process. It is the responsibility of all international students to have international transcripts translated by an approved accredited agency.

(VII) Post Baccalaureate Admission – Students who have earned a bachelor's degree from another college or university prior to seeking admission to Texas Southern University must:

1. Submit an application to Texas Southern University, Office of Undergraduate Admissions, 3100 Cleburne Street, Houston, Texas 77004-9987, or electronically at www.applytexas.org (<https://catalog.tsu.edu/undergraduate/admission-requirements-enrollment-information-academic-regulations/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DA03ZMRG/www.applytexas.org>).
2. Submit the required non-refundable application fee or approved fee waiver.
3. Request an official transcript from each college or university previously attended. Transcripts should be sent from the issuing institution(s); however, they may be hand-carried and delivered in an envelope bearing the unbroken seal of the issuing institution(s). All foreign transcripts must be evaluated by one of the University's approved evaluation agencies and the evaluation be submitted to the Office of International Student Admissions.
4. International applicants must also request that the previous college or university submit SEVIS information and provide a certificate of finance/affidavit of support to the Office of International Student Admissions.

(VIII) Transient Admission - Students who wish to attend the University for a specific period of time without applying for regular admission must:

- A. Submit an application to Texas Southern University, Office of Undergraduate Admissions, 3100 Cleburne Street, Houston, Texas 77004-9987, or electronically at www.applytexas.org (<https://catalog.tsu.edu/undergraduate/admission-requirements-enrollment-information-academic-regulations/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DA03ZMRG/www.applytexas.org>).

B. Submit the required non-refundable \$42 application fee.

C. Request that an official transcript or letter of good standing from the college or university in attendance be sent to the Office of Undergraduate Admissions at the address above or by email at admissions@tsu.edu (<https://catalog.tsu.edu/undergraduate/admission-requirements-enrollment-information-academic-regulations/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DA03ZMRG/admissions@tsu.edu>).

D. International applicants must also request that the current college or university submit SEVIS information to the Office of International Student Admissions.

E. Transient admission can only be granted for summer semesters. Requests for transient admission beyond one academic semester may be considered but the applicant must reapply for transient admission for the subsequent semester(s) and provide additional documentation from the college or university in attendance regarding their academic standing with the institution.

(IX) Readmission of Former Students - Students who have not attended the University for more than one year and now wish to return must:

1. Submit an application for readmission to Texas Southern University, Office of Undergraduate Admissions, 3100 Cleburne Street, Houston, Texas 77004-9987, or electronically at www.tsu.edu/admissions (<https://catalog.tsu.edu/undergraduate/admission-requirements-enrollment-information-academic-regulations/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DA03ZMRG/www.tsu.edu/admissions/>).
2. Identify the category above that best fits your circumstances and complete the remaining listed steps.
3. Students on academic probation or suspension must request permission from their academic dean's office to gain readmission to the University.
4. Students on academic probation or suspension must request permission from their academic dean's office to gain readmission to the University

*Note: The Admissions office makes no determination for students requesting readmission to TSU. Students seeking readmission based on academic probation/suspension are reviewed and decisions rendered solely by the Academic Departments.

In admitting first-time freshmen, the University abides by the uniform admission policy as defined in accordance with Texas Education Code Chapter 51, Subchapter S. Students' high school grade point average, class ranking, and ACT/SAT test scores shall all factor into consideration for admission.

Students who are admitted by the University, but fail to enroll for a given semester, may request that their application be deferred and updated for a future semester. The application and associated fee will be honored for one (1) year from the original semester in which the application was made.

Effective October 1, 2013, all students under the age of 22 attending the university for the first time or returning to the university following a break in enrollment of at least one fall or spring semester, will be required to have the bacterial meningitis vaccination or an approved exemption prior to attending classes. To meet the immunization requirement, the student must provide proof of vaccination of bacterial meningitis during the five-year period preceding and at least 10 days prior to the first day of

classes. Students are also encouraged to consult with a physician about the need for the immunization against bacterial meningitis to prevent the disease.

Undergraduate Admissions Requirements

Texas Southern University is an accredited higher education institution that provides equal educational opportunity. Entering freshman applicants must have earned a minimum cumulative 2.5 GPA on a 4.0 scale in high school. All entering freshman applicants must submit either ACT or SAT scores. All admitted students must meet the admission requirements outlined below, with a minimum combined SAT critical reading/math test scores of 900 or an ACT composite test score of 17 for unconditional admission to the University.

Candidates for undergraduate admission must identify the appropriate category below and follow the indicated steps:

(I) Freshman Admission - Citizens of the United States with diplomas from accredited high schools, GED equivalents, or equivalent examinations from foreign countries that attest to the fact that they have attained the high school standard and who have never before enrolled for college credits must:

A. Submit an application to:

Texas Southern University
Office of Undergraduate Admissions
3100 Cleburne Street
Houston, Texas 77004-9987
or electronically at www.applytexas.org (<http://www.applytexas.org>).

B. Submit the required non-refundable \$42 application fee or approved fee waiver.

C. Submit an official transcript from an accredited high school that:

(1) includes the date of graduation, (2) the student's grade point average and class ranking, and (3) for Texas high school graduates, indication of successful completion of Texas Assessment of Knowledge and Skills (TAKS). Effective for fall 2015, the TAKS examination will be replaced by the State of Texas Assessments of Academic Readiness (STAAR) examination.

D. Submit either ACT or SAT scores.

E. Home-schooled students and students who have earned a GED will be individually reviewed for admission and must meet the minimum 17 ACT composite score or 900 SAT score (critical reading and math sections). Texas residents must also submit the Texas Private High School Certification completed by the certifying home-school official for admission.

F. Students seeking dual credit(s) must request an official transcript be sent to the Office of Undergraduate Admissions from the institution where the dual credit(s) was earned, in addition to the official high school transcript.

G. Students seeking credit based on Advanced Placement (AP) scores or International Baccalaureate (IB) scores must request from the testing agency an official score report be sent to the Office of Undergraduate

Admissions prior to the start of enrollment of the requested enrollment semester.

H. All freshmen applicants who do not meet the University's admission requirement may be individually reviewed by the University Admissions Committee. Applicants considered for individual review may be required to submit additional documents (e.g., essays, personal statements, interview) to gain admission to the University.

(II) Transfer Admission - Citizens of the United States who have attended another college or university prior to seeking admission to Texas Southern University must:

A. Submit an application to:

Texas Southern University
Office of Undergraduate Admissions
3100 Cleburne Street
Houston, Texas 77004-9987
or electronically at www.applytexas.org (<http://www.applytexas.org>).

B. Submit the required non-refundable \$42 application fee or approved fee waiver.

C. Submit an official transcript from each college or university previously attended. Transcripts should be sent from the issuing institution(s); however, they may be

hand-carried and delivered in an envelope bearing the unbroken seal of the issuing institution(s).

D. Submit placement test scores or evidence of test exemption eligibility.

E. All transfer applicants who do not meet the University's admission requirement may be individually reviewed by the University Admissions Committee. Applicants considered for individual review may be required to submit additional documents (e.g., high school transcript, ACT/SAT test scores, interview) to gain admission to the University.

(III) Permanent Residents Freshman Admission – Permanent residents of the United States who have diplomas from accredited high schools, GED equivalents, or equivalent examinations from foreign countries that attest to the fact that they have attained the high school standard and who have never previously enrolled for college credits must:

A. Follow the same steps given above for citizens of the United States with diplomas from accredited high schools or GED equivalents.

B. In addition, students must provide proof of permanent resident status and complete **Documentation of Proof of Citizenship/Naturalization Form** from the Office of Undergraduate Admissions.

C. Submit all specifically needed documents to:

Office of Undergraduate Admissions
Texas Southern University
3100 Cleburne Street
Houston, Texas 77004-9987

(IV) Permanent Residents Transfer Admission - Permanent residents of the United States who wish to transfer from other accredited colleges and universities must:

A. Follow the same steps given above for citizens of the United States.

B. In addition, student must provide proof of permanent resident status and complete **Documentation of Proof of Citizenship/Naturalization Form** from the Office of Undergraduate Admissions.

C. Evaluation of foreign transcripts. All foreign transcripts must be evaluated by one of the University's approved evaluation Agencies and the evaluation be submitted to the Office of International Student Admissions.

International Student Admissions

(V) International Freshman Admission - Students who have diplomas from foreign high schools, GED equivalents, or equivalent examinations from foreign countries that attest to the fact that they have attained the high school standard and who have never previously enrolled for college credits must:

- A. Complete application online and submit all required documentation along with the required \$78 non-refundable application fee.
- B. Send proof of graduation from high school either in conjunction with the application or separately to the Office of International Student Admissions.
- C. Provide a certificate of finance/affidavit of support either in conjunction with the application or sent separately to the Office of International Student Admissions.
- D. Provide official proof of completion of the TOEFL examination, if applicable, to the Office of International Student Admissions. Applicants must have an earned a minimum TOEFL score of 61, IELTS score of 5.0, or other approved language proficiency exam to qualify for admission.
- E. Submit ACT or SAT college entrance exam scores to the Office of International Student Admissions.
- F. Request that the current or previously attended language program, if applicable, submit SEVIS information to the Office of International Student Admissions.

(VI) International Transfer Admission - Students who wish to transfer from other accredited colleges or universities must:

- A. Complete application online and submit all required documentation along with the required \$78 non-refundable application fee.
- B. Request that official transcripts from all colleges and universities attended be sent directly to the Office of International Student Affairs. All foreign transcripts must be evaluated by one of the University's approved evaluation agencies and the evaluation be submitted to the Office of International Student Admissions.
- C. Provide a certificate of finance/affidavit of support either in conjunction with the application or sent separately to the Office of International Student Admissions.
- D. Provide official proof of completion of the TOEFL examination, if applicable, to the Office of International Student Admissions. Applicants must have an earned a minimum TOEFL score of 61, IELTS score of 5.0, or other approved language proficiency exam to qualify for admission.
- E. Request that the current or previously attended college or university submit SEVIS information to the Office of International Student Admissions.

NOTE: The authenticity of transcripts is critical to the admissions process. It is the responsibility of all international students to have international transcripts translated by an approved accredited agency.

(VII) Post Baccalaureate Admission – Students who have earned a bachelor's degree from another college or university prior to seeking admission to Texas Southern University must:

- A. Submit an application to:
Texas Southern University
Office of Undergraduate Admissions
3100 Cleburne Street
Houston, Texas 77004-9987
or electronically at www.applytexas.org (<http://www.applytexas.org>).
- B. Submit the required non-refundable application fee or approved fee waiver.
- C. Request an official transcript from each college or university previously attended. Transcripts should be sent from the issuing institution(s); however, they may be hand-carried and delivered in an envelope bearing the unbroken seal of the issuing institution(s). All foreign transcripts must be evaluated by one of the University's approved evaluation agencies and the evaluation be submitted to the Office of International Student Admissions.
- D. International applicants must also request that the previous college or university submit SEVIS information and provide a certificate of finance/affidavit of support to the Office of International Student Admissions.

(VIII) Transient Admission - Students who wish to attend the University for a specific period of time without applying for regular admission must:

- A. Submit an application to:
Texas Southern University
Office of Undergraduate Admissions
3100 Cleburne Street
Houston, Texas 77004-9987
or electronically at www.em.tsu.edu (<http://www.em.tsu.edu>).
- B. Submit the required non-refundable \$42 application fee.
- C. Request that an official transcript or letter of good standing from the college or university in attendance be sent to the Office of Undergraduate Admissions at the address above or by email at admissions@tsu.edu.
- D. International applicants must also request that the current college or university submit SEVIS information to the Office of International Student Admissions.
- E. Transient admission can only be granted for one academic semester. Requests for transient admission beyond one academic semester may be considered but the applicant must reapply for transient admission for the subsequent semester(s) and provide additional documentation from the college or university in attendance regarding their academic standing with the institution.

(IX) Readmission of Former Students - Students who have not attended the University for more than one year and now wish to return must:

- A. Submit an application for readmission to:
Texas Southern University
Office of Undergraduate Admissions
3100 Cleburne Street
Houston, Texas 77004-9987

or electronically at www.tsu.edu/admissions (<http://www.tsu.edu/admissions/>).

B. Identify the category above that best fits your circumstances and complete the remaining listed steps.

C. Students on academic probation or suspension must request permission from their academic dean's office to gain readmission to the University.

D. International applicants must also request that the previous college or university submit SEVIS information and provide a certificate of finance/affidavit of support to the Office of International Student Admissions.

In admitting first-time freshmen, the University abides by the uniform admission policy as defined in accordance with Texas Education Code Chapter 51, Subchapter S. Students' high school grade point average, class ranking, and ACT/SAT test scores shall all factor into consideration for admission.

Students who are admitted by the University, but fail to enroll for a given semester, may request that their application be deferred and updated for a future semester. The application and associated fee will be honored for one (1) year from the original semester in which the application was made.

Effective October 1, 2013, all students under the age of 22 attending the university for the first time or returning to the university following a break in enrollment of at least one fall or spring semester, will be required to have the bacterial meningitis vaccination or an approved exemption prior to attending classes. To meet the immunization requirement, the student must provide proof of vaccination of bacterial meningitis during the five year period preceding and at least 10 days prior to the first day of classes. Students are also encouraged to consult with a physician about the need for the immunization against bacterial meningitis to prevent the disease.

Enrollment Information/Advising

Academic advising is an integral and necessary part of the higher education process. Faculty advisors in the academic departments have the responsibility of advising those students who have met all admission requirements and have declared majors based on:

1. the most current information available to them about departmental, college, and university requirements, and
2. students' interests, needs, and abilities. All students who have not declared majors are advised in the College of Liberal Arts & Behavioral Sciences on the third floor of the Public Affairs Building. Undecided students are those who are registered in Academic Foundation courses and have not decided on their majors. In general, students are not encouraged to declare majors until their individual TSI (Texas Success Initiative) or equivalent responsibility has been met. Students who receive financial assistance are STRONGLY CAUTIONED that they must each have a declared major by the time that they have successfully completed 45 semester credit hours to remain eligible for this assistance.

Specific responsibilities of advisors include:

- Helping students to define and develop realistic goals.
- Matching students to available resources.

- Assisting students to plan programs of study consistent with their abilities.
- Helping students monitor their progress toward graduation

Although academic advisors will assist students in every way possible, students are expected to accept full responsibility for their academic programs of study, including the satisfactory completion of all requirements.

Registration Policies and Procedures

All students must register prior to the first-class day of each semester or term. Each student is assigned a faculty advisor, who assists in planning a program of study. Students are registered for and entitled to attend classes only when they have completed the prescribed procedures, including the payment of fees, which is a part of registration. A student is not registered with the University, and therefore not entitled to University privileges, until fees are paid. All unpaid course selections will be purged from the database of student records after the twentieth-class day during a regular semester and after the fourth-class day during a summer term.

Students planning to return to the campus after an absence of one year or after earning credits at another institution are required to notify the Admissions Office and have transcripts mailed or sent electronically from the schools attended.

Registration is not complete, and students with unpaid fees are not entitled to University privileges. Students are required to have sufficient funds to cover all required tuition, fees, and deposits.

Auditing

With the consent of both the chair of the administering department and the course instructor, a student may audit a course. Auditors shall be registered, shall receive no credit for audited courses, and shall pay the same fees as a student enrolled for credit.

Credit by Examination

A student may receive credit by examination for courses listed in this bulletin by showing proficiency gained in advanced high school courses, independent research, non-credit adult courses or professional development programs. Credit by examination shall not be given for a previously attempted or surpassed course, or for hours beyond published limits. The Pass (P) grade given is not calculated into the GPA. Students of any age currently or previously enrolled in Texas Southern University can demonstrate college-level achievement and receive credit for what they may have learned through advanced-high school courses, independent research, non-credit adult courses or professional development. To the extent that a student is successful in passing the prescribed examinations, he or she may use the maximum allowable credits received to shorten the length of time required to attain a degree. The student must submit the Credit by Examination form, such as the CLEP, to the academic department, the academic dean of the school or college involved, and the Provost for approval. Once approved for credit by examination, the student must pay applicable testing, administration, and per credit hour fees, earn a passing score on the national and/or departmental examination, and the approved application will be submitted to the Registrar's Office by the Office of the Provost.

Credit may be earned through the successful completion of one or more of the following examinations: College Entrance Examination Board (CEEB) specified achievement tests; CEEB Advanced Placement Examinations that are part of the Advanced Placement Examinations

(AP); CEEB College Level Examination Program (CLEP); International Baccalaureate Examinations (IB); Modern Language Association Cooperative Foreign Language Examinations; departmental examinations prepared, administered and scored by Texas Southern University faculty members who teach the applicable course(s). In addition to any of the above, a department may require an essay and/or a laboratory and/or an oral examination. AP and IB examinations are normally taken while the student is in high school, preferably in the spring before expected college enrollment. Information on these examinations is available in high schools through the principals or the counselors. High school students may also take CLEP examinations. A listing of AP and IB credit-eligible scores is available at <http://www.tsu.edu/admissions/pdf/credit-by-examination-chart.pdf>

Concurrent Enrollment

A student concurrently enrolled at Texas Southern University and another college or university may receive total credit for no more than the maximum allowable Texas Southern University load for any given semester or term. In each semester of concurrent enrollment, the student must verify with his or her advisor that the other institution's courses qualify for transfer, notify the Office of Financial Aid at both Texas Southern University and the other institution, and submit the signed agreement form to the Registrar's Office.

Discontinued Classes

The University reserves the right, when necessary, to discontinue classes or to otherwise alter the schedule. If a class is discontinued, students will be notified at the first scheduled class meeting, whenever possible, so that they may register for alternate courses. Students who are enrolled in a discontinued class must officially drop the course; students who wish to enroll in another section or another course must immediately and officially carry out the drop and add process.

Official Enrollment in Class

A student may not attend a class after the first week of classes unless he or she is properly registered for that course and section. Failure to follow proper registration procedures may jeopardize that student's good standing at the University and result in loss of funds and credit. Instructors' class rolls are prepared from the official enrollment records of the Registrar. A student whose name does not appear on the class rolls should contact the Registrar's Office to verify his or her proper registration.

Transfer Credit

Transfer of credit from another institution to Texas Southern University involves consideration of the institution's accreditation, the comparability of course work, and the applicability of that course work to a degree program at the University. The Office of Undergraduate Admissions is responsible for reviewing each course taken at another college or university and making an initial determination of transferability. Colleges and universities from which credits are to be transferred must have been granted membership or candidacy status in a regional accrediting association of the Association of Colleges and Schools, which does NOT include accrediting commissions for vocational or occupational training.

There are two transfer paths to consider. A student may transfer lower division (freshman and sophomore) level credits from a junior or community college.

The second transfer path allows a student from a four-year institution to transfer to TSU courses at the lower or upper division (freshman/

sophomore or junior/senior) as designated by the sending institution's transcripts.

No limit is placed on the total amount of courses credit accepted in transfer from either junior- or senior level institutions; however, students are required to complete the last thirty hours in residence at TSU. Additionally, academic deans in each college and school will determine which transfer credits will apply to the student's degree.

All academic courses, except developmental courses, whether passed, failed, or repeated, including those in which the student earned a grade below C, are used to compute the applicant's grade point average for admission purposes.

In order for the Office of Undergraduate Admissions to make a decision about the transferability of a course, the transfer student may need to provide materials such as school catalogs/bulletins, course descriptions, course outlines, class assignments, or textbooks to assure proper evaluation. The final determination of the applicability of credit transferred toward a degree sought at Texas Southern University is made by the chair of the student's major department and the dean of the school or college in which it is listed. The academic department of the student's major has the final authority for the transferability of courses to the University in adherence with university policy.

Courses accepted for transfer credit must be from a college or university accredited by one of the regional agencies for higher education and must be similar in character and content to courses offered at Texas Southern University.

Junior and community college courses may only transfer as lower-division (freshman or sophomore) credit. Undergraduate courses from senior colleges transfer at the same level, lower- or upper-division, as they were taken. Graduate-level coursework is not transferable as undergraduate credit.

In the transfer of core curriculum credits and field of study curricula credits from other public institutions of higher education in Texas to Texas Southern University, the University is subject to Texas Education Code Chapter 4, Subchapter B, and Rule 4.27. These sections specifically address the resolution of transfer disputes for lower division courses between two public institutions of higher education in Texas and are quoted directly as follows:

1. The following procedures shall be followed by public institutions of higher education in the resolution of credit transfer disputes involving lower division courses:
 - a. If an institution of higher education does not accept course credit earned by a student at another institution of higher education, the receiving institution shall give written notice to the student and to the sending institution that transfer of the course credit is denied, and shall include in that notice the reasons for denying the credit. Attached to the written notice shall be the procedures for resolution of transfer disputes for lower-division courses as outlined in this section, accompanied by clear instructions outlining the procedure for appealing the decision to the Commissioner.
 - b. A student who receives notice as specified in paragraph (1) of this subsection may dispute the denial of credit by contacting a designated official at either the sending or the receiving institution.

- c. The two institutions and the student shall attempt to resolve the transfer of the course credit in accordance with Board rules and guidelines.
- d. If the transfer dispute is not resolved to the satisfaction of the student or the sending institution within 45 days after the date the student received written notice of denial, the institution that denies the course credit for transfer shall notify the Commissioner of Higher Education of its denial and the reasons for the denial.
- e. The Commissioner or Commissioner's designee shall make the final determination about a dispute concerning the transfer of course credit and give written notice of the determination to the involved student and institutions.
- f. Each institution of higher education shall publish in its course catalogs the procedures specified in subsections (a), (b), (d), and (e) of this section.
- g. The Board shall collect data on the types of transfer disputes that are reported and the disposition of each case that is considered by the Commissioner or the Commissioner's designee.

3. The Office of Undergraduate Admissions will notify the applicant, in writing, of his or her status within a reasonable period.
4. New applicants for admission or readmission may request consideration for the Academic Fresh Start Program only once at Texas Southern University.
5. The Director of Admissions has the final authority on determining whether an applicant meets the requirements for the Academic Fresh Start Program.

Academic Fresh Start

Texas residents may request to have all academic coursework completed at any institution of higher education 10 or more years prior to submitting an application for admission or readmission be disregarded for admission purposes under the Academic Fresh Start Program (Texas Education Code section 51.931). In electing to enroll under this provision, students will not receive any credit for courses taken ten (10) or more years ago prior to enrollment at Texas Southern University.

If a student earns a baccalaureate degree under this section and applies for admission to a graduate or professional program of study that is offered by a public institution of higher education in Texas, only the grade point average (GPA) that the student earned under this section is to be considered, along with any other criteria used for evaluating applicants for admission to these programs of study.

Students who qualify for an academic fresh start may petition the University for such through the use of the steps outlined below:

1. Submit an application for admission to Texas Southern University, Office of Undergraduate Admissions, 3100 Cleburne Street; Houston, Texas 77004-9987, or electronically at www.applytexas.org (<https://catalog.tsu.edu/undergraduate/admission-requirements-enrollment-information-academic-regulations/enrollment-information-advising/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DAO3ZMRG/www.applytexas.org>). Students seeking readmission to the university can complete the application for readmission online at www.tsu.edu/admissions (<https://catalog.tsu.edu/undergraduate/admission-requirements-enrollment-information-academic-regulations/enrollment-information-advising/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DAO3ZMRG/www.tsu.edu/admissions/>). The applicant must indicate their desire to apply for admission under the Academic Fresh Start policy on the application for admission (or readmission).
2. The Office of Undergraduate Admissions will determine whether the applicant is eligible for an academic fresh start.

Early Admission of High School Students

Texas Southern University's early admission policy is designed to give high school students who demonstrate outstanding academic performance the opportunity to enroll in regular college courses for credit toward graduation while they are still enrolled in high school. The student retains high school status and has the option of enrolling either during the summer session following the junior year in high school or in the fall of the senior year. The student must take high school courses concurrently while enrolled as a part-time student at TSU.

Eligibility. All Early Admission applicants must satisfy the following requirements:

1. Successful completion of the 11th grade.
2. Evidence of a level of academic achievement that promises successful completion of college work. Applicants must have passed all portions of the Exit-Level Texas Assessment of Knowledge and Skills (TAKS) or State of Texas Assessments of Academic Readiness (STAAR) examinations.
3. Recommendation from a high school guidance counselor or principal.
4. Either (1) a minimum GPA of 3.10 on a 4.0 scale, along with a minimum SAT combined score of 1000 or ACT composite score of 20; OR (2) a minimum GPA of 3.50 on a 4.0 scale, along with a minimum SAT combined score of 900 or ACT composite score of 18.

Applications. All documents pertaining to early admission must be submitted to the Office of Undergraduate Admission and must include the following:

1. Completed application form
2. Non-refundable \$42 application fee or approved fee waiver.
3. Official high school transcript showing successful completion of the TAKS or STAAR examination. Exemptions do not qualify for early admission.
4. Official SAT-I, PSAT or ACT scores report (Test scores posted on a high school transcript are considered official)

Enrollment. A student who is admitted under the Early Admission Program:

1. May enroll in up to six (6) semester credit hours per eligible semester for up to two (2) years while being concurrently enrolled in high school
2. Must follow University rules and regulations
3. Will be classified as an Early Admit student

Financial Aid. Inasmuch as early admission students are considered to be in college and high school at the same time, federal regulations prohibit eligibility for any form of federal financial aid (grants or loans).

Change of Status. A high school student admitted under the early admission policy who remains in good standing through high school graduation will automatically have his or her status upgraded to “unconditional undergraduate admission.” However, the student must provide an official copy of the final high school transcript with evidence of date of graduation

Orientation Program for New Students

We require that all undergraduate students entering the University for the first time take part in a series of orientation activities which are conducted prior to the opening of their semester of residence. Orientation programs are planned for each of the two semesters on specific dates prior to registration.

Texas Success Initiative (TSI)

The Texas Success Initiative was developed by the 78th State Legislature on September 1, 2003 to guarantee student success at institutions of higher education. The TSI Assessment is a State of Texas mandated program. The TSI assessment is required for all First-time Freshmen and Non-Resident Transfer Students. The TSI Assessment test is a diagnostic assessment used to determine college readiness in the areas of reading, mathematics. This program also will help determine what type of course or intervention will best meet students’ needs to help them better prepared for college-level course.

TSI test scores are not used to determine admissions status; however, entering students must test before enrolling in college- level courses at any Texas higher education public institution. Students who have tested but have not attained the established minimum scores on one or more sections of the test are required by Texas Law to obtain TSI advisement and enroll in a formal program of skills development each semester until they are deemed TSI complete for all sections of the test.

The program involves two major components:

1. **measuring students’ academic skills in reading, writing and mathematics and**
2. **advising the student into the appropriate developmental course for any academic skill that needs improvement. In accordance with the Initiative, all applicants must have successfully completed the following number of high school credits:**

- 4 in English
- 3 in mathematics
- 2 in natural science
- 2 in social science
- 6 selected from a group consisting of foreign languages, computer science (or keyboarding), speech, journalism, and fine arts

Academic Advisement: Academic advisement for all students, including those that have not met the TSI standard is handled within the respective school or college of the student’s academic major.

Texas Success Initiative (TSI) Exemption Rules

ACT & SAT Exemptions

Scores Can Be No More Than Five Years Old

ACT Scores required for TSI Exemption	SAT Scores required for TSI Exemption
Composite: 23 or higher and Subtest: Math score of 19 or Higher is TSI Math Exempt.	Composite: 1070 or higher and Subtest Math score of 500 or higher is TSI Math Exempt.

Composite: 23 or higher and Subtest: English score of 19 or Higher is TSI Writing & Reading Exempt.

Composite: 1070 or higher and Subtest Critical Reading score of 500 or higher is TSI Writing & Reading Exempt.

TAKS Exemption

Scores Can Be No More Than Five Years Old

Eleventh grade exit-level TAKS scores of 2200 or higher on math and/or 2200 or higher in English Language Arts with a writing composition rating of at least 3.

[The English Language Arts and written composition sections must be met together -- if neither or only one area is met, student must take both the reading and writing sections of a TSI test.]

STAAR Exemption

STAAR end-of-course (EOC) with a minimum score of Level 2 on the English III shall be exempt from the TSI Assessment required under this title for both reading and writing, and a minimum score of Level 2 on the Algebra II EOC shall be exempt from the TSI Assessment required under this title for the mathematics section.

Existing College Degree Exemption

Students who have an associate or bachelor’s degree earned from a regionally accredited college or university.

Military Exemptions

Military Service:

1. Students who are serving in the state of Texas as active duty members of the Armed Forces of the United States. Official documentation of active duty status for the enrollment period is required. Students must file a Verification of Active Duty form each semester which can be obtained in the Base Education Office.
2. Students who are on active duty in the Texas National Guard.
3. Students who are members of a reserve component of the armed forces for at least 3 years preceding enrollment.
4. Students who on or after August 1, 1990, were honorably discharged, retired, or released from active duty as a member of the U.S. armed forces, Texas National Guard, or member of reserve component. A copy of the DD214 form showing this status is required.

Transfer Student Exemptions

Students who are transferring to TSU from a private or out-of-state, regionally accredited, college or university may meet sections of the Texas Success Initiative based on a grade of C or better in courses that are equivalent to the following courses at Texas Southern University.

Code	Title	Hours
Writing		
ENG 131	Freshman English I	3
or ENG 132	Freshman English II	
Reading		
ENG 230	World Literature I	3
ENG 231	World Literature II	3
ENG 235	American Literature	3
or POLS 236	Texas Government	
ENG 244	African-American Literature	3
HIST 231	Soc & Pol Hist US to 1877	3
or HIST 232	Soc & Pol Hist US Since 1877	
POLS 235	American Government	3

or POLS 236	Texas Government	
PSY 131	General Psychology	3
Mathematics		
MATH 133	College Algebra (or any higher level MATH)	3
Total Hours		27

Students who believe they meet one of the exemptions, should be sure that the appropriate test scores/transcripts are submitted to the TSI Coordinator (by email: neveusr@tsu.edu or in person, call 713-313-6886 to schedule an appointment) as soon as possible.

Additional TSI Notes

Students previously considered TASP or TSI exempt/complete from another Texas state institution will not have to meet TSI requirements; however, all course prerequisites must be met. (Official documents must be presented at the time of exemption) Some international courses may not meet these requirements. The Transfer Center will inform students of their transfer credits once transcripts have been evaluated.

Academic Regulations

Course Scheduling Policy

The primary goal of the Academic Scheduling Process is to maximize the probability that all students receive their choice of courses required for graduation on a timely basis (within the prescribed number of semesters) by providing a conflict-free resource environment (staff, space, and courses) which minimizes operating and capital costs.

The length of the academic week and variations in time patterns used in constructing a schedule of classes play important roles in the effectiveness of the academic schedule. Time patterns are the configurations of days and hours to be used in setting up the schedule of classes. If a standard set of patterns is chosen, with compatible starting and ending times, schedules will fit together more easily. If patterns are dissimilar, more conflicts will occur within a given academic week. In addition, when courses are concentrated at one time, students have minimum course selectivity, no scheduling flexibility and will require maximum staff and space resources.

The probability of a student obtaining a conflict-free schedule can be greatly increased when the courses are distributed throughout the hours of the day and the days of the week. Thus, it is highly desirable to distribute course offerings evenly over an academic week, thus providing for the largest number of non-conflicting time patterns.

General Policy Regarding the Academic Scheduling Process

The policy for class scheduling is established by the Office of the Provost and implemented by the Office of the University Registrar. General objectives in building the Schedule of Classes include providing workable schedules for students by departments, ensuring access to courses by students, and making efficient use of educational buildings.

Scheduling Strategies

- Departments must strictly adhere to the approved standard set of time patterns.
- All classes are to be scheduled to start at the hour or half-hour.
- Departments must schedule all multiple lecture and laboratory sections so that student course enrollments will be distributed

approximately equally between mornings and afternoons and between the different meeting patterns (TR vs. MWF).

- Since the goal is to provide all students with the largest number of opportunities to register for as many courses as possible, departments should make efforts to schedule courses during non-peak hours. Peak hours are between 9:00 AM and 3:00 PM.
- Because the standard meeting lengths are in 50- and 75-minute time blocks, non-standard sections should be offered in multiples of these times to avoid end times that preclude students from registering for courses that may follow the non-standard section.
- All Colleges and Schools have the ability to schedule their own classrooms.

Required Class Meeting Length (note this table is based on contact hours not semester credit hours)

Contract time for courses	Meeting Sequences	Required Length for Each Class Meeting
For 4 hour classes	MTWR	50 min
For 4 hour classes	MW ¹ or TR	1 hour 50 min
For 3 hour classes	MWF	50 min
For 3 hour classes	MW ¹ or TR	1 hour 15min
For 3 hour classes ²	T or R	2 hours 50 min
For 2 hour classes	MW or MF or TR or WF	50 min
For 2 hour classes	T or R	1 hour 50 min
For 1 hour classes ³	M or T or W or R or F	50 min

- ¹ Courses may only be scheduled using these sequences after 3:00 pm.
 - ² Laboratory courses only
 - ³ Before 9 AM or after 3 PM or at Noon (12PM) if the courses 300-level or higher. This will lessen the impact on student's schedules and room utilization.
- Graduate courses, taught during peak hours (9AM-3PM), are exempt from this policy provided they meet in a room with a capacity of 15 or less. Graduate courses taught at non-peak hours are exempt regardless of their room capacity.
 - The scheduling policy is not in effect for summer terms.
 - Courses with designated laboratory/demonstration time built into the course may treat the lecture and laboratory contact hours as separate or combined courses
 - Deviations from Approved Patterns Courses that receive prior approval from the Registrar may deviate from the scheduled time patterns reflected. Approval will be granted on a case-by-case basis and will be approved only if a compelling argument can be made as to why the approved patterns will not meet the needs of the department.

Approved Fall 2011

Load Limit

The normal load is **15 to 18 semester credit hours**. A regular student may not carry more than **18 hours** of course work in any long term or semester without the approval of his or her dean and the head of the department in which the student is a major. The maximum load for any student in a regular semester is **21 hours**. Students who are working may be required by the dean to reduce their loads. A student enrolled in a **6-week summer term** may not normally carry more than **7 hours**. Under special conditions a student may, with permission of his or her dean, carry **8 hours in one 6-week term** provided he or she carries no more than **6 hours during the**

other term of that summer. Under no circumstances may a student earn more than **14 semester hours from any source in the two terms of one summer.**

Full-Time and Part-Time Status

The full-time or part-time status of students is determined by the descriptors listed in the table below.

Full-Time/Part-Time Status	Undergraduate Fall/Spring	Undergraduate 6-week Summer term
Full-time	12 or more credit hours	6
3/4 time	9-11	4-5
1/2 time	6-8	3
Less than 1/2 time	1-5	0-2
1/4 time	1-3	X

Classification

Undergraduate students' classification is determined as follows:

Classification	Freshmen	Sophomore	Junior	Senior
Credit hours earned	0-29	30-59	60-89	90+

Class Attendance Regulations

All students are required to be present for all class meetings of any course in which they are enrolled. Students are responsible for learning about, becoming knowledgeable of, and complying with the attendance policy stated in the catalog and/or faculty syllabus. Faculty members will provide details on the rules for attendance in their classes in their course syllabi. Faculty members will keep students' attendance records.

Record Keeping

A record of absences will be maintained by the instructor. This does not excuse the student from the obligation of independently knowing and keeping record of his or her absences. Furthermore, the student is responsible for notifying the instructor of any absences in advance when possible, or in a timely manner upon the student's return. When requested by the student, the instructor will inform whether make-up work is allowed and whether the absences jeopardize the student's standing in a class.

Nonattendance

Students who register for courses for a semester must attend their classes starting on the first day of class. Students who have not attended classes on the 8th or 12th day of classes in Fall and Spring and the 4th class day of the Summer terms will be reported to the Registrar's office for nonattendance. A student who is reported for non-attendance will be dropped from those classes which he or she has not attended.

ONLINE COURSE ATTENDANCE

Students enrolled in online courses will be dropped from the course if they have not completed at least one academic assignment prior to the official drop date. No reinstatement will be allowed for students who have not met this academic responsibility.

Students who have supporting documentation offering explanation for their absence(s) must present their documentation to the instructor who reported them for non-attendance. The instructor may evaluate the student's supporting documentation and hear their case. If the request for consideration is denied, it is the responsibility of the student to register for the class in a future term. If the instructor approves the

student for reinstatement, the instructor will submit a written request for the student's reinstatement to the Chair of the Department who will seek approval of the Dean of the school or college. If the Dean approves the request for reinstatement, he or she will submit a written request to the Registrar's Office for the student's reinstatement.

Change of Major

A student in an undergraduate department of the University who can satisfy admission requirements of another undergraduate department within the same college or school may transfer to it with the approval of the department chairs concerned.

Transferring from One Branch to Another

A student in an undergraduate college or school of the University who can satisfy admission requirements of another undergraduate branch may transfer to it with the approval of the department chairs and deans concerned.

Changes in Class Schedule (Adds, Drops, and Withdrawals)

A student may make changes in class schedules with the approval of his faculty advisor and of the department in which the course is offered. **A service fee is charged for each change in program.**

Course changes must be made in person under the following conditions:

- Adding courses.** In adding courses, the student must obtain the approval of his or her faculty advisor and the department in which the course is offered.
- Dropping courses.** A student may, for good cause, drop a course with the approval of his or her faculty advisor and the department in which the course is offered under the following provisions:
 - During the first twelve days of any semester or the first four days of a summer term, a student may drop a course without having a grade recorded for the course.
 - After the twelfth or fourth class day, a student may drop a course without penalty prior to the published deadline. A grade of W will be recorded. State legislation enforces a limit of six (6) recorded drops, excluding withdrawals, over the college career of a student who enrolls in a Texas public institution of higher education as a first-time freshman beginning fall 2007 or later. Documentation of good cause must accompany any request for exception.
 - After the published deadline, a student will be permitted to drop a course only upon approval of the student's dean and only for urgent and substantiated, nonacademic reasons acceptable to the dean.

Drop Policy: Documentation for the Unofficial Withdrawal of Students

Documentation for the Unofficial Withdrawal of Students Academic Pursuit

A student is encouraged to attend classes regularly and has the responsibility for performance of the work of the course, including the taking of examinations at the time they are administered to the entire class.

Definition of Grade/Academic Progress Rosters

- The Twelfth Day Roster is the faculty report of students that are attending classes as of the state reporting date.

- The Mid-Term Roster is the faculty report of the student's academic progress up to the mid-point of the semester.
- A faculty report of students that have stopped attending classes 10 weeks into the semester, which is usually the week after midterm or the 10th week of the fall/spring session. The Office of the Registrar generates a roster by asking faculty to submit the names of students who have stopped attending classes. This roster is then generated to withdraw students from classes, thereby helping them to avoid earning "Fs" solely for non-attendance.
- The Final Grade Roster is the faculty report of the student's academic progress for the term, inclusive of the final examination period.

Policy

Students are considered as non-attending when they have been recorded as ceasing to participate in academic-related activities, such as outlined in the University Catalog. Students may be reported as non-attending on any grade/academic progress report roster. Students failing to meet the attendance standards as outlined in the University Catalog will be administratively withdrawn (AW) from the course based on the last known date the student successfully completed an academic activity as documented in the course of record. The process is completed as follows:

- The Office of the Registrar will distribute the rosters to the respective instructors of record for the term.
 - The instructors will record the students' status with the appropriate code or grade for the time frame.
 - On the twelfth day roster, the instructor will indicate a non-attending (NAT) status for the student.
 - The instructors will enter the last date of attendance (LDA) only for students that cease to be enrolled on the mid-term, 60% and final grade roster.
 - Additionally, the instructor must enter a last date of attendance for any student receiving an "F" or "U" on the final grade roster.

Procedures for Implementing Grade/Academic Roster Drops

1. The Office of the Registrar will provide the college or school of the respective course(s) the names of students reported with a last date of attendance after the submission of the eighth and twelfth day rosters, mid-term and final grade rosters.
2. The Office of the Registrar will simultaneously forward an email to the student informing him/her of any drops occurring prior to the final examination period, thereby notifying the student that he/she has been reported as non-attending. Students will be encouraged to contact their instructors within five (5) business days.
3. The associate/assistant dean of each college or school will verify the roster by working with the department chair and his/her faculty instructors on the students' attendance status. The department chair will communicate the findings to the associate/assistant dean. The associate/assistant dean will review the grade/academic progress rosters and make requests for reinstatements of students no later than five (5) business days after the generation of the list by the Office of the Registrar.
4. The Grade/Academic Progress rosters will be used as documentation for drops and withdrawals.
 - a. The final grade report will include a record of the last date of attendance for any student receiving an "F" or "U" for the term. Prior to exiting the term, the instructor of record will be required to enter the date on the student's record. The last date

of attendance will serve as the record of the student earning the grade for the term. Students will receive an electronic grade report containing final grades via the TSU MyWeb account.

Determination of Reinstatements

1. Once a student has been withdrawn or reported as non-attending and earning zero credit hours, the student will have an opportunity to offer supporting documentation that explains his/her reason(s) for non-attendance. This documentation must be presented to the instructor who reported the student for nonattendance within seven (7) working days or before the last day to drop or withdraw from classes – whichever date comes earlier.
2. The instructor may evaluate the student's supporting documentation and hear the case. The decision to reinstate or uphold the withdrawal will be forwarded to the student in writing and to the associate/assistant dean, with a copy to the department chair. The associate/assistant dean will communicate with the Office of the Registrar.

Determination of "Unofficial Withdrawal"

1. A student who is withdrawn for non-attendance from all courses is essentially considered an "Unofficial Withdrawal" and may owe a payment to the financial aid programs based on the length of time the student remained actively enrolled in the course. For additional information on the withdrawal calculation for Title IV aid, students may visit <http://www.tsu.edu/about/administration/finance/departments/business-affairs/student-accounting/withdrawals-dropped-courses.html>
2. **The Office of Student Accounting** will perform the withdrawal calculation and any balance resulting from the return of funds will be due and immediately payable to the university. The Office of Student Accounting will forward written notification (email or paper) to the address on file for the student's record and action.

Withdrawal

To ensure his or her possible future standing with the University, a student has the right to withdraw officially. A student wishing to withdraw from the University for the remainder of a semester should apply to the dean of his or her school or college for permission. Having secured the dean's permission, the student may receive honorable dismissal through the Registrar's Office after he or she has returned all library books, surrendered his or her activity books, and cleared himself or herself with all offices at the University. A student failing to do these things will not be eligible for restitution of any fees.

The term "honorable dismissal" will not be given unless the student's standing as to conduct and character is such as to entitle him or her continuance in the University. The grade to be recommended for the student will be in keeping with the regulation for dropping courses.

Reinstatement

Students who are administratively withdrawn from their classes because of nonpayment of tuition and fees may petition for reinstatement if and only if extraordinary circumstances prevail. Students may obtain the prescribed form in the Registrar's Office and must return the petition with evidence of suitable payment options. The Registrar's Office reviews all such petitions on a case-by-case basis. All approved petitions are subject to a late payment fee and a reinstatement fee.

Course Numbering

Lower division undergraduate courses are numbered from 100 to 299, whereas upper-division undergraduate courses are numbered 300 to 499. Upper division courses that may be taken by graduate students for graduate credit upon prior approval of the student's advisor and

Dean of the Graduate School are listed in the Graduate Bulletin. Courses numbered 500 and above, except in pharmacy, carry graduate credit and are open only to graduate students.

Unit of Credit and Grade Point Average

- The unit of credit is the semester hour. A semester hour represents the equivalent of one recitation or lecture hour per week for one semester.
- The following grades and quality points per semester hour were used in evaluating the work of students in courses at the University in the past:

Grade	Meaning	Prior to fall 1977	Beginning Fall 1977
A+, A	Excellent	3.00	4.00
B	Good	2.00	3.00
C	Average	1.00	2.00
D	Poor but Passing	0	1.00
I	Incomplete	0	0
F	Failure	0	0
W	Withdrawal	0	0
S	Satisfactory		0
U	Unsatisfactory		0
N	No Grade Submitted		0
P	Pass		0

- Beginning the Fall of 1991, the following grades and quality points were used and are now used:

Grade	Meaning	Grade or Quality Points Per Credit
A+, A	Excellent	4.00
A-	Intermediate Grade	3.67
B+	Intermediate Grade	3.33
B	Good	3.00
B-	Intermediate Grade	2.67
C+	Intermediate Grade	2.33
C	Satisfactory	2.00
C-	Intermediate Grade	1.67
D+	Intermediate Grade	1.33
D	Marginal	1.00
D-	Intermediate Grade	0.67
F	Failure	0
I	Incomplete	0
P	Passing	0
R	In Progress	0
S	Satisfactory	0
U	Unsatisfactory	0
W	Withdrawal	0
WT	Withdrawal, Test Requirement NOT Fulfilled	0

- The grade "R," meaning "In Progress," is given only when the work in a course extends beyond the semester or term. It implies satisfactory performance. The grade "R" will not alter the quality point average of

the student inasmuch as hours attempted, hours earned, and quality points earned will not be entered in cumulative totals.

- The grade of "I" is given only when a student's work is satisfactory in quality, but because of reasons beyond his or her control, the work has not been completed. The missing work may be a major quiz, a final examination, a term paper, or other work. It is not given in lieu of an F. The instructor will stipulate, in writing, at the time the grade is given the conditions under which the "I" may be removed. This temporary grade of "I" is non-punitive and semester hours for the course are not considered in the computation of the quality-point average. Removal must be within one calendar year after the "I" is assigned, or the "I" grade shall become an "F." The grade "I" is not assigned if the student must retake the course. In the event a student who earns a grade of "I" decides to retake the course, the student is required to pay for that course a second time.
- The grade of "W" is given for a course officially dropped by the student after the twelfth class day of a regular semester or the fourth class day of a summer term and before mid-semester or midterm.
- In cases where students repeat courses, the last grade earned must be used in the determination of the student's official grade point average at all stages and in the determination of eligibility for graduation.**
- The terms "grade point average (GPA)" and "quality point average" are used interchangeably. In all cases, these averages are calculated by dividing the total quality points earned (see chart above) by the total semester credit hours attempted.**

Grade Notification

Final grades are electronically disclosed to students at the end of each term, no later than fourteen (14) days after all final examinations have been completed.

Academic Standing Policy

The minimum grade point average (GPA) required by the University for awarding the baccalaureate degree is 2.00 for all credit work taken by the student as part of an approved program of study. The grade point average is computed by dividing the total number of quality points earned by the total number of GPA hours (See "Grading System," University Catalog), except for credit hours in courses for which the student received a "W" or "I." For any repeated course, the grade earned only in the last attempt is used in the grade point average calculation.

The academic standing is determined at the end of each semester based on the institutional cumulative grade point average at the end of that semester as well as the grade point average earned during the semester.

Good Academic Standing: A student who maintains an institutional cumulative grade point average of 2.00 or higher is in good academic standing. A student may still be considered in good academic standing if he/she has an institutional cumulative grade point average less than 2.00 but meets the condition described below.

Academic Probation: Students who start any semester in good academic standing but fail to maintain an institutional cumulative GPA of 2.00 or higher at the end of the semester will be placed on Academic Probation for the following semester. Students on Probation may be removed from Academic Probation at the end of the semester if they earn a cumulative GPA of 2.00 or higher. Students who fail to bring their cumulative GPA to 2.00 or higher at the end of the semester will be placed on Suspension. However, a student on Academic Probation will be considered in good

academic standing and will not be suspended at the end of any semester during which a semester GPA of 2.25 or higher has been earned.

Students on Academic Probation:

- May not register for more than 15 semester credit hours
- **Must** seek advisement in the office of their major department
- Complete an Academic Agreement with their academic advisor.

Suspension: Students on Academic Probation at the beginning of the semester are suspended if they fail to bring their cumulative GPA to 2.00 or higher by the end of the semester unless they earn a semester GPA of 2.25 or higher. Additionally, any student enrolled in nine or more credit hours and who earns an "F" in all classes will be suspended from the University.

1. The first academic suspension is for a period of **at least one long semester** (fall or spring).
 - a. Students placed on academic suspension at the end of a fall semester are suspended for the following spring and are not eligible to re-enroll until the following summer.
 - b. Students placed on academic suspension at the end of a spring semester are suspended for the following fall and are not eligible to re-enroll until the following spring.
 - c. Students placed on academic suspension at the end of a summer session are suspended for the following fall and are not eligible to re-enroll until the following spring.
2. Any suspension after the first one will be for a period of one year. At the end of the suspension period, students will need to apply for re-admission to the University provided they can show evidence of increased academic maturity as explained below.
3. While being on suspension, the student must enroll in another institution of higher learning and show evidence of academic maturity at the end of the suspension period. Such evidence may be grades from courses taken at that institution. Military service and associated courses/training may also be used as evidence of maturity. The following are evidence of academic maturity based on the suspension period:
 - a. **Academic maturity evidence for one semester suspension:** Completion of 12 credit hours or more in courses that are not repeats of courses previously taken at TSU and a GPA of 2.5 or higher at the end of the enrollment period.
 - b. **Academic maturity evidence for one year suspension:** Completion of 24 credit hours or more in courses that are not repeats of courses previously taken at TSU and a GPA of 2.5 or higher at the end of the enrollment period.

Academic Suspension and Appeal:

Faculty and staff are committed to helping students achieve their academic goals. Nevertheless, some students fail to maintain an adequate grade point average and are academically suspended. Students who believe that extenuating circumstances contributed to their suspension may appeal their case to the University's Committee on Suspension and Readmission. To appeal, students must explain those circumstances in a letter submitted to the committee immediately after receiving notification of suspension. (See also "Grade Appeal, Retention Standards, and Academic Probation" in the Undergraduate Catalog.)

Readmission from Academic Suspension:

1. Only the dean of the college or school may readmit students on academic suspension from Texas Southern University.
2. Readmission from academic suspension is neither automatic nor guaranteed. Students seeking readmission must submit the following to the dean of the college or school in which they wish to earn their degrees:
 - a. A written petition justifying their readiness to resume their studies at the University.
 - b. Transcripts showing at least a 2.50 grade point average on all college work completed elsewhere while on academic suspension from Texas Southern University.
 - c. Transcripts of all other completed college work.
 - d. Students seeking to change their majors from the college from which they were suspended to another college must submit a "change of major" request along with a petition for readmission from academic suspension to the college of the intended major.

Colleges or schools may have additional policies and procedures pertaining to readmission from academic suspension; therefore, students seeking readmission should consult the appropriate college section in this catalog or request information from the office of the academic dean for specific college requirements.

When re-admitted, the student will enter the University with probationary status. Another suspension at the end of the semester of re-admission may be avoided by achieving the minimum cumulative grade point average according to the above standards.

Note: Each college or school may adopt its own set of "Academic Progression Standards" to address the particular academic needs of its students. These standards, however, may be higher than the standards of the University, as set out above, but they may not be lower.

Semester Academic Honors

Academic honors are earned for performance **during each fall and spring semester of enrollment** in accord with requirements summarized below. **Academic honors are not bestowed during summer terms.** Distinctions earned as a result of academic performance become a part of students' permanent records.

Academic Distinction	Required GPA for Semester	Conditions for Designation of Academic Distinction
President's List	3.75 to 4.00	A minimum of 12 semester credits completed; a minimum cumulative GPA of 3.00 earned; no grades earned below "B"; and no grades of "I", "W", "P", or "S" earned
Dean's List	3.50 to 3.74	A minimum of 12 semester credits completed
Honor Roll	3.00 to 3.49	A minimum of 12 semester credits completed

Correspondence Courses

Texas Southern University offers no correspondence courses. A student in residence at this institution will be permitted to receive credit for

correspondence courses from other institutions only when written permission to take the courses has been granted in advance by the dean of the school or college in which the student is enrolled. Each request made by a student of the University for credit in courses taken by correspondence will be considered on its own merits by the registrar and the dean involved. Credit earned in a course completed by correspondence will be accepted only if the final examination is taken under the supervision of the Registrar of Texas Southern University.

Not more than twelve (12) semester hours of credit taken in correspondence work may be applied toward the requirements for an undergraduate degree. (No graduate credit will be given for work done by correspondence.) **Further, inasmuch as the last thirty (30) semester hours of credit for an undergraduate degree must be taken in residence, no credit earned by correspondence may be applied toward the requirements for an undergraduate degree after the student has earned ninety-four (94) semester hours of credit applicable toward the requirements for a degree. Any exceptions to this rule must be made by the appropriate undergraduate dean.**

Scholastic Dishonesty

Students must maintain a high standard of honesty in their academic work. They should avoid all forms of academic dishonesty, especially the following:

- **Plagiarism.** The appropriation of passages, either word for word (or in substance) from the writing of another and the incorporation of these as one's own written work offered for credit.
- **Collusion.** Working with another person in the preparation of notes, themes, reports, or other written work offered for credit unless such collaboration is specifically approved in advance by the instructor.
- **Cheating on an Examination or Quiz.** Giving or receiving, offering or soliciting information, or using prepared material in an examination or testing situation is expressly forbidden. On examinations and quizzes students are expected
 - a. to remain in the examination room until the examination is finished,
 - b. to refrain from talking, and
 - c. to refrain from bringing notes and books into the examination room.
- **Impersonation.** Allowing another person to attend classes, take examinations or to do graded assignments for an enrolled student under his or her name is strictly forbidden.

A violator of any of the above offenses will incur severe disciplinary action ranging from suspension to expulsion from the University. Specific guidelines will be administered by each dean.

Academic Grievances

Purpose. The following procedures are designed to provide a means for undergraduate students to petition for review of final course grades alleged to be incorrect. Before filing a formal appeal, students are urged to resolve grievances informally with the instructor of the course. Students filing a written appeal shall be expected to abide by the final decision of the committee, as provided for in these procedures. This decision precludes any further review under any other procedure within the University.

Conditions. A student may seek a review of a final grade if he or she feels that one of the following conditions applies:

- A grade was assigned on some basis other than performance in the course, or
- the standards applied to a grade were not the same as those applied to other students in the course, or
- the assigned grade represents a substantial and unannounced departure from the instructor's previously stated standards.

Procedures. A student who feels that his or her grade is incorrect should

1. **Confer promptly with the instructor of the course.** If the instructor is unavailable and cannot be reached by the student after a reasonable effort, then the student shall consult with the chair of the department offering the course. If the student and instructor or department chair are unable to arrive at a mutually agreeable solution, the student may file an appeal within twenty (20) days after the first day of class of the next semester (not including summers) with a standing committee of three (3) tenured faculty members of the department offering the course. If the instructor of the course is a member of the committee, he or she shall be replaced by a tenured faculty member selected by the chair of the department.
2. **File an appeal by submitting to the departmental committee a detailed statement regarding the alleged improper grade, as well as any relevant evidence.** The appeal shall be dismissed if
 - a. the student has submitted the same or substantially the same complaint to any other grade review procedure,
 - b. the appeal is not timely, or
 - c. the student has not conferred with the instructor or department chair before filing the appeal.
3. **Allow the departmental committee to take action.** If the appeal is not dismissed, the committee shall submit a copy of the student's written appeal to the instructor with a request for a prompt written reply.
4. **Work toward a mutually agreeable solution in concert with the committee and the instructor.** If a mutually agreeable solution is not achieved, the committee shall advise both the student and the instructor that the matter has been sent to the dean of the academic unit offering the course. The dean of the academic unit shall convene a committee of three (3) tenured faculty members from departments outside of the department offering the course. This committee shall hold an informal, non-adversarial fact-finding meeting concerning the dispute. Both the student and the instructor shall be entitled to be present throughout this meeting and to present any evidence deemed relevant, except the student shall not be present during the discussion of any other student. Neither the student nor the instructor shall be accompanied by counsel, an advocate, or a representative. The meeting shall be closed to the public. After the fact-finding meeting, if the majority of the committee finds that the evidence supports the student's complaint, the committee shall take any action thought to rectify the situation, including, but not limited to:
 - directing the instructor to re-grade the student's work,
 - directing the instructor to administer a new final examination or paper in the course,
 - directing the cancellation of the student's registration in the course, or
 - if no reasonable alternative is available, directing the instructor to award a grade of "pass" in the course.

The committee is not authorized to award a letter grade or to reprimand, or otherwise, take disciplinary action against the instructor. **The decision of the committee is final** and shall be promptly reported in writing to the parties involved. The dean of the academic unit has the responsibility

for implementing the decision of the committee. If the instructor of record is the department chair, the dean of the college/school must form a committee of a minimum of three (3) tenured faculty members from the college. If the instructor of record is the dean of the college/school, the provost or his/her designee will hear the grievance and render a decision, or will form a committee of a minimum of three (3) tenured faculty members from outside the college/school to review and address the grievance and make a recommendation to the provost. If the departmental committee's decision differs from that of the college/school committee, then the dean of the college/school shall render a final decision with the approval of the provost. In the event the grievance is not satisfactorily resolved at the departmental or college/school levels, the grievant may directly appeal the decision to the provost who has the authority to hear the grievance or refer it to a committee outside the college/school. Upon receipt of the recommendation of the committee, provost shall make a final decision and inform the parties involved, and corrective action shall be taken promptly.

TSU General Education Core Curriculum

Texas GENERAL EDUCATION Core Curriculum

The general education core curriculum is central to the intellectual mission of Texas Southern University. It is designed to equip students in each major field or concentration with a broad knowledge base and a set of college-level competencies to support lifelong learning and the attainment of their academic and career goals.

The Texas Core Curriculum (TCC) ensures that undergraduate students enrolled in public institutions of higher education will develop the essential knowledge and skills for success in college, in a career, in their communities, and in life-long learning.

All undergraduates at Texas Southern University complete a 42-semester credit hour (SCH) program of core curriculum courses. The required components of the Texas Core Curriculum are courses in the Foundational Component Areas (FCA): Communication; Mathematics; Life and Physical Science; Language, Philosophy and Culture; Creative Arts; American History; Government/Political Science; and Social and Behavioral Sciences.

The goals of the core curriculum at Texas Southern University are to prepare students to examine their values; to become aware of the values, perspectives, and contributions of other individuals, groups and cultures; to integrate knowledge; and to understand the interrelations of the scholarly disciplines. Students will accomplish these goals through intensive reading and frequent writing, critical analysis, computational and hands-on experiences, active discussion and collaborative projects.

The core curriculum facilitates the transfer of lower-division course credit among public colleges, universities, and health-related institutions throughout the State of Texas. Students who successfully complete a 42-semester credit hour core curriculum at one institution can transfer "core complete" to another public Texas public institution without having to repeat any core curriculum courses. Students who transfer without completing the entire core curriculum receive credit for each of the core courses they successfully complete; however, courses may not satisfy the receiving institution's core curriculum requirements.

TSU Core Curriculum Objectives

The objectives of the core curriculum are to guide students to develop the following essential competencies:

- **Critical Thinking Skills**, which include creative thinking; innovation; inquiry; and analysis, evaluation and synthesis of information.
- **Communication Skills**, which include effective development, interpretation and expression of ideas through written, oral and visual communication.
- **Empirical and Quantitative Skills**, which include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.
- **Teamwork**, which includes the ability to consider different points of view and to work effectively with others to support a shared purpose or goal.
- **Personal Responsibility**, which includes the ability to connect choices, actions and consequences to ethical decision-making.
- **Social Responsibility**, which includes intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities.

TSU Core Curriculum Effective, 2018

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
Life and Physical Sciences		
Select six credits of the following (depending on MAJOR):		6
CHEM 131	Chemistry I	
BIOL 143	Survey of Life Science	
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	
Language, Philosophy & Culture		
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	

THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231 & HIST 232	Soc & Pol Hist US to 1877 and Soc & Pol Hist US Since 1877	6
Government/Political Science		
POLS 235 & POLS 236	American Government and Texas Government	6
Social and Behavioral Sciences		
Select one of the following:		3
ECON 231	Principles Of Economics I	
ECON 232	Principles Of Economics II	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
SOC 238	Introduction To Anthropology	
GEOG 132	World Regional Geography	
PSY 131	General Psychology	
Institutional Options		
Speech Communications:		
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION PUBLIC ADDRESS	3
Select one of the following computer science courses or one additional course from the Math, Science, English, Fine Arts, or Social Science courses listed above.		3
CS 116	Intro To Compr Science I	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	
Total Hours		42

Graduation Requirements

General Requirements for Undergraduate Degrees

It is the student's responsibility to plan his or her program with the assistance of a University advisor and to register for the proper courses so that all requirements will have been satisfied by the time for graduation.

All University advisors of undergraduate students are expected to review each advisee's registration respective to his or her curriculum of study. This review will ensure that courses are taken in proper sequence. All students who are to be classified as juniors must have successfully completed all traditional freshman and sophomore courses in their respective curricula, i.e., courses ordinarily in the 100 and 200 series that are normally taken by freshmen and sophomores.

General Policies and Procedures for Graduation

1. Degrees will be conferred only on dates that are publicly announced.
2. Application for graduation must be filed within the time period listed in the University calendar. The application form is secured through the office of the student's major department.

3. All candidates for degrees are expected to attend the convocation at which their degrees are to be conferred unless excused by their respective deans.
4. To receive an undergraduate degree, a candidate must complete a major and a minor or a composite major.
5. Reasonable and logical substitutions for required courses may be made within a department or area. Substitutions must be authorized by the student's academic advisor and the head of the student's major department and approved by the dean of the college or school in which he or she is enrolled. Students must submit a petition for substitution with their graduation application or as deficiencies are exposed at least two weeks before their intended graduation date.
6. **Not more than thirty (30) semester hours of course credit offered toward a degree may be earned through extension with no more than twelve (12) of these credits earned through correspondence courses (provided these 12 credits have been approved by the appropriate dean). Overall, at least twenty-five percent (25%) of the semester credit hours needed for degree conferral must be earned at the University.**
7. **A graduation fee is required, and students must purchase academic regalia for participation in the graduation convocation through the University Bookstore.**

Semester Hours and Quality Point Requirements for Graduation

1. A minimum of **120 credit hours** of college credit must be completed for an undergraduate degree.
2. A student must earn a quality point average or GPA of at least 2.00 for all college courses attempted.
3. A student must have grades of **"C" or better in all courses taken to fulfill the major requirements.**

Graduating Under a Given Bulletin

A student may expect to earn a degree in accordance with the requirements of the curriculum outlined in the bulletin in force when he or she first entered the University, provided the courses are being offered. He or she must complete these requirements within six years. In addition, he or she may graduate under any subsequent bulletin published while he or she is a student. If a student elects to meet the requirements of a bulletin other than the one in force at the time of his or her initial enrollment, he or she must meet all requirements of the bulletin he or she selects. The University reserves the right to impose changes in academic requirements upon any student in residence.

Residence Requirement

A candidate for graduation must earn, in residence, the last thirty (30) semester hours that are offered for the degree. Some instructional units have additional residency requirements. A transfer student from another institution must:

1. spend at least two semesters in full-time residence work;
2. secure credit in residence for at least 12 semester hours of upper division courses in his or her major and six hours of upper division courses in his or her minor or 18 semester credit hours at the junior/senior level for a composite major.

Application for Intent to Graduate

Procedures for Filing an Application for Intent to Graduate:

1. The student must file an Intent to Graduate form with his/her major department the semester prior to his/her anticipated date of graduation.
2. During the semester prior to commencement selected by the student, the department will certify in writing to the academic dean and Office of the Registrar that the student has:
 - a. completed all requirements,
 - b. that the student is enrolled in his/ her last hours of work or will register for his/her last hours of work next semester and
 - c. that all requirements will be met prior to commencement.
3. Once the student's Intent to Graduate has been verified, the student will be encouraged to apply for graduation in the next semester. The academic department will issue the "Intent to Graduate" application form to the student.

Application for Graduation

A student expecting to graduate must file an application for graduation. The student should be within 30 hours of completion of the required hours for graduation and should file the application before the semester in which he or she intends to graduate. The filing deadline is printed each semester in the schedule of courses. Prior to applying for graduation, the student should review his or her academic records and his or her online degree audit, which matches completed coursework against listed degree requirements, with an academic advisor to verify he or she is eligible to apply for graduation. The student should then obtain an application with instructions for completion from his or her major department. Each applicant must submit a printed degree audit along with the completed application for graduation.

Students should keep their graduation filing fee receipts. These receipts must be presented at the time caps and gowns are purchased at the University Bookstore.

Financial Clearance

Students who are indebted to the University will not be allowed to participate in commencement exercises. Such obligations include traffic and parking fines, library fines, housing fees, and any miscellaneous fees. Students who are not sure about the status of their indebtedness should check with the Bursar's Office prior to final examinations. If there is a dispute concerning payment of a bill, receipts should be presented to verify payment.

Graduation Fees

Graduation fees are subject to change. They are due and payable at the time of one's application for graduation. Invitations are optional and may be ordered through the University Bookstore one month or more prior to commencement. These fees do not include the purchase of cap and gown or rental fee. Caps and gowns are also ordered through the University Bookstore.

Fee	Doctoral	Law	Master's	Bachelor's	Pharmacy
Microfilm Service	\$40.00				
Postage and Handling	\$10.00				

Diploma Fee	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
Cap, Gown, Hood	Please contact the Bookstore for purchase and rental fees-713-31:				

Graduation with Honors

1. Special honors in three grades are awarded in recognition of superior scholarship in the work leading to the bachelor's degree. These honors are awarded at commencement and are shown on the diplomas of the recipients.
2. To be eligible for graduation honors, a student must have completed (exclusive of correspondence and extension work) at least 60 semester hours in the upper division of the University. The quality point average which shall be used for awarding graduation honors shall be the smaller of the following two quality point averages:
 - a. **The quality point average for all work taken in all colleges attended.**
 - b. **The quality point average for all work taken at Texas Southern University.**
3. The three grades of honors and the quality point averages for each are as follows:
 - a. **Summa Cum Laude** is awarded to the candidate for graduation whose quality point average is 3.75 or above.
 - b. **Magna Cum Laude** is awarded to the candidate for graduation whose quality point average is between 3.50 and 3.74 inclusive.
 - c. **Cum Laude** is awarded to the candidate for graduation whose quality point average is between 3.25 and 3.49 inclusive

Commencement

Commencement exercises are held each year in May and December for students who qualify for graduation from Texas Southern University. All such students are expected to participate in one of these two exercises as appropriate. Juris Doctor and graduate students who are within six hours of completing their degree requirements and/or completion of required examination, and Doctor of Pharmacy students who are within two advanced pharmacy practice experiences (APPEs) and/or completion of required examination are eligible to participate in May commencement. Undergraduate students must be enrolled in the last hours (courses) required to earn the degree to participate during the May or December exercises. Undergraduate students completing all requirements in August of an academic year will participate in the December exercise.

Commencement is a solemn and special occasion in the lives of students, and they are expected to behave in a manner commensurate with the magnitude of the occasion. While attending commencement exercises, students and their guests are expected to maintain decorum that is reasonable and befitting of a public event of special significance. Because commencement exercises are formal events, graduates are expected to abide by the University's policy on appropriate attire that is announced in advance of the ceremonies, including no decorations on the mortarboard or bling on shoes, etc.

Dual Degree and Double Major Policy

University Majors

Major

A major represents the primary field of study for a degree-seeking student. It is a structured plan of study that is part of a degree plan and must have a minimum of 30 semester credit hours. A major is typically 30-78 credit hours*.

- A completed major is shown on the diploma and the transcript.
- A new major must go through the curriculum approval process. In addition, new majors must be approved by the university administration, the TSU Board of Regents, and the Texas Higher Education Coordinating Board.
- Changes to an existing major must be accomplished in accordance with TSU's curriculum update process.
- Every major will have a Classification of Instructional Programs (CIP) code attached to it.
- Only formally approved majors will appear in the University Catalog.

*Seventy-eight credits (78) is the highest possibility of credits for a major allowing for 42 credits of University general education core in a 120-credit degree program.

Change of Major

Students seeking to declare a major in a different college or department must first receive permission (Major Transfer Form) from the department's office of the academic unit (college/school) they to which they seek to transfer from and then a signature (Major Transfer Form) from the department's office of the academic unit (college/school) they wish to transfer. Change from one academic unit (school/college) to another is initiated by filing a change of academic unit (college/school) form retrieved from the Registrar's Office.

Multiple Majors

A double major is possible for undergraduate students with two principal fields of study in programs that offer the identical degree type. For example, a student can major in both Mathematics and Computer Science, since both lead to the Bachelor of Science Degree. A triple major is another option, if the same degree title is available for the selected majors: B.A., B.S., B.B.A., etc. Double and triple majors may be in the same academic unit (college/school) or dual degree with multiple majors in different academic units (colleges/schools).

A second major may replace the required (or optional) minor, or it may be completed in addition to a minor in the student's degree program. The minimum total units required for graduation are set by the primary degree program or major (the first one). It is essential to maintain contact with the major advisor in each department to ensure that all specific requirements are met.

The student's primary major determines the student's home academic unit (college/school). The student with a double major follows the degree requirements, policies and procedures of the college offering the primary major/degree program. All majors are declared when the student files an application for degree candidacy. When the student has completed all degree requirements, including those for the second/third major, the

academic unit (college/school) of the primary major/degree program awards the degree, along with any academic honors.

To add a second or third major within or outside of your academic unit (college/school), consult with the academic advisor for the new major regarding program requirements and the procedure to declare the major. There may be restrictions on the time of the semester for declaring the major. Declaration of a second or third major does not involve a change of college.

Dual Degree Policy

Dual degrees can be applied for and earned by students interested in fulfilling requirements of two different majors in two different baccalaureate degree (e.g., B.A., B.S., B.B.A.) programs (e.g., a student fulfilling requirements for a B.S. in mathematics and a B.A. in psychology).

Students should plan to graduate from the two degree programs simultaneously and must identify one of the two majors as the primary major, the choice of primary major will determine the students' academic home of record and graduation-related activities. The University Core Curriculum Requirement and Other Requirement courses may apply towards the first and second majors. Approved students who complete requirements for two majors in two different degree programs may earn two (2) separate degrees from the University.

Students with two majors must follow any application procedures and meet admission requirements that have been established for both majors. In addition, students with two majors must pay applicable major-related fees¹ for both fields and are encouraged to use the advising and student services provided by both majors. Decisions about admission to programs, honors, scholastic probation, and dismissal are independently determined by the two Schools or Colleges. A student who chooses to pursue two majors simultaneously is expected to take responsibility for his or her educational development.

Major	Core Curriculum Requirements	Major Curriculum Requirements	Minor Requirements (if required)	Other Requirements	Total Number of SCH
Primary Major	Required: 42 SCH	Minimum of 30 SCH as required by the primary major	As required by the department offering the minor ¹	As required by the primary major	Minimum of 120 SCH
Secondary Major	N/A	Minimum of 30 SCH as required by the secondary major	N/A	N/A	Minimum of 30 SCH

¹ Courses required by the secondary major may be used to satisfy the minor requirements if the courses are also required by the minor.

Students should be advised that Financial Aid will support only up to 180 credit hours of coursework.

Double Major Policy

Double majors can be applied for and earned by students interested in fulfilling requirements of two different majors (e.g., Journalism and

Organizational Communication) that are either within the same discipline (e.g., communication) or of two different majors within the same baccalaureate degree (e.g., B.A., B.S., B.B.A.) program (e.g. a student fulfilling requirements for a B.S. in mathematics and a B.S. in elementary education).

Students should plan to graduate from the two majors simultaneously and must identify one of the two majors as the primary major, the primary major will determine the students' academic home of record and graduation-related activities. The University Core Curriculum Requirement and Other Requirement courses may apply towards the first and second majors. Approved students who complete requirements for two majors may earn one (1) degree from the University that lists both majors. Students with two majors must follow any application procedures and meet admission requirements that have been established for both majors. In addition, students with two majors must pay applicable major-related fees for both fields and are encouraged to use the advising and student services provided by both majors.

Decisions about admission to programs, honors, scholastic probation, and dismissal are independently determined by the two schools or colleges. A student who chooses to pursue two majors simultaneously is expected to take responsibility for his or her educational development.

Major	Core Curriculum Requirements	Major Curriculum Requirements	Minor Requirements (if required)	Other Requirements	Total Number of SCH
Primary Major	Required: 42 SCH	Minimum of 30 SCH as required by the primary major	As required by the department offering the minor ¹	As required by the primary	Minimum of 120 SCH
Secondary Major	N/A	Minimum of 30 SCH as required by the secondary major	N/A	N/A	Minimum of 30 SCH

¹ Courses required by the secondary major may be used to satisfy the minor requirements if the courses are also required by the minor.

Students should be advised that Financial Aid will support only up to 180 credit hours of coursework.

JOINT DEGREE POLICY

A program established, coordinated, and awarded jointly between two schools and or colleges.

Post-Baccalaureate Degree Policy

A student who has received a bachelor's degree from Texas Southern University or another accredited college or university may enroll in a program leading to a second degree at the baccalaureate level provided:

1. the field of study is different from the first degree earned and
2. the appropriate application for admission or re-admission is filed and approved. No honors are awarded for the second baccalaureate degree.

Students seeking a second baccalaureate degree after receiving the first degree must:

1. Be in residence for a minimum of two (2) semesters as a full-time student if the first or previous degree was not earned at Texas Southern University.
2. Complete no less than thirty (30) semester hours that satisfy the requirements for the field of study of the second degree. These hours should be beyond those applied to the first or previous degree and excluding transfer credits or substitutions and complying with requirements.
3. Achieve a cumulative minimum grade point average of 2.00 for all hours attempted for the degree.

Core Curriculum Requirements	Major Curriculum Requirements	Minor Requirements	Other Requirements
N/A	All courses required by the major field of study. (No less than 30 semester hours)	N/A	N/A

Generation of Student Transcripts

What is an official transcript?

An official transcript is the University's certified document of your academic record. The official transcript includes all levels of study (undergraduate, graduate, and professional). Official transcripts are printed on security paper. Transcripts contain confidential information and are released only in accordance with the Family Educational Rights and Privacy Act of 1974 (FERPA). For your protection, we will not release an official transcript without your signature. (Transcripts may not be re-disclosed without written permission from the student with the exception of a court ordered subpoena.)

Before an official transcript can be released, all admissions requirements, fiscal and financial aid obligations to the university must be met.

Transcript and Delivery Options

The Transcript division of the Office of the Registrar produces only official transcripts. Official Texas Southern University transcripts will either be printed on watermark security paper with the University Seal and the signature of the University Registrar, or transmitted via Electronic Data Interchange (EDI) through the National Student Clearinghouse (Effective Fall 2016). **Students who were enrolled prior to Fall 1987 at Texas Southern University may only obtain an official transcript on watermark security paper.** Official transcripts may be picked-up, mailed, and electronic delivered.

Pick-up

Go to the Student Accounting Department to make a payment of \$5.00 per transcript (includes all levels of course work). Go to the Registrar's Office counter located on the second floor of the Bell Building to submit your proof of payment and to complete your transcript request form(s). Photo ID is required.

If another person is picking up your transcript, you must fax to (713-313-1878) or scan to (transcripts@tsu.edu) a signed statement authorizing us to release your transcript and name of the individual. We

will ask for a photo ID and will **not accept a not brought in by the person picking up the transcript.**

Mail

You may write a letter or use the Transcript Request Form. Please include the following with your transcript request form:

- Name
- Date of birth
- Student I.D. number or last four numbers of your Social Security
- Your current address
- Address where transcript is to be mailed
- Your signature
- Check or money order for \$5.00 per transcript made out to Texas Southern University

Online

- Select "**Order Transcripts on the Web.**"
- Select "Current" or "Former" student and follow the detailed instructions.
- The price of a transcript set (set includes all levels of course work)
- Payable by VISA, MasterCard or Discover.

Delivery options

- US Mail-Sent via the United State Postal Service first class mail
- PDF transcript delivery is an official Texas Southern University transcript delivered electronically over a secure network to the email address you designate as the recipient.

Right to Privacy

Notification of Rights under the Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. Upon a request of a properly qualified individual, access to a student's education record shall be granted within a reasonable period of time, not to exceed 45 days. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the education record(s) to inspect and review. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the education records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. A student whose education records are covered by this notification may ask the University to amend the student's education record if the student believes it contains information that is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed and specify why it should be changed. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. Personally identifiable information ("PII") in education records shall not be release without the written consent of the student, except to the following: (i) University officials who have legitimate educational interests, including a person employed by the University in an administrative, supervisory, academic, research, support staff position (including law enforcement unit personnel and health staff); a person serving on the Board of Regents; a student serving on an official committee (such as a disciplinary or grievance committee); an external volunteer or contractor who performs an institutional service or function for which the University would otherwise use its own employees and who is under the direct control of the University with respect to the use and maintenance of PII (such as an attorney, auditor, or collection agent or a student volunteering to assist another University official in performing his or her tasks) (see §99.31 (a)(1)); (ii) officials of another postsecondary school in which a student seeks or intends to enroll, or where the student is already enrolled so long as the disclosure is for purposes related to the student's enrollment or transfer (see §99.31 (a)(2); and (iii) other categories under paragraph number 7.
4. The University may release directory information without consent upon public notice of: (i) the types of personally identifiable information that it has designated as directory information; (ii) the right of the student to refuse to permit the University to designate any or all of that information about the student as directory information; and (iii) the period of time within which the student must notify the University in writing that he or she does not want any or all of those types of information about the student designated as directory information.
5. Under FERPA, the University defines "directory information" as information contained in an education record of student that would not generally be considered harmful or invasion of privacy if disclosed. Directory information includes student's name, address, telephone number, electronic mail address, photograph, date and place of birth, weight and height of members of the athletic teams, participation in officially recognized activities and sports, enrollment status, dates of attendance, educational institution most recently attended, and (9) other information (such as major field of study, degrees earned, and awards received).
6. If a student objects to the release of directory information, the student must notify the Office of the Registrar, E.O. Bell Hall, 3100 Cleburne Avenue, Houston, TX 77004, in writing or by completing the Request to Withhold Public Information form, during the first twelve (12) days of class during a regular semester (fall or spring) or the first four (4) days of class during a summer term, to ensure that information is not released by the University or published in the Student Directory. Students are responsible for requesting the release of their information once a request for withholding "directory information" has been placed on record.
7. FERPA permits the disclosure of PII from students' education records, without consent of the student, if the disclosure meets certain conditions found in §99.31 of the FERPA regulations. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student:
 - To authorized representatives of the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such

as a State postsecondary authority that is responsible for supervising the University's State-supported education programs. Disclosures under this provision may be made, subject to the requirements of §99.35, in connection with an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with federal legal requirements that relate to those programs.

These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf. (§§99.31(a)(3) and 99.35);

- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (§99.31(a)(4));
- To organizations conducting studies for, or on behalf of, the University, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (§99.31(a)(6));
- To accrediting organizations to carry out their accrediting functions. (§99.31(a)(7));
- To parents of an eligible student if the student is a dependent for IRS tax purposes. (§99.31(a)(8));
- To comply with a judicial order or lawfully issued subpoena. (§99.31(a)(9));
- To appropriate officials in connection with a health or safety emergency, subject to §99.36. (§99.31(a)(10));
- Information the University has designated as "directory information" under §99.37. (§99.31(a)(11));
- The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. (§99.31(a)(13));
- To the general public, the final results of a disciplinary proceeding, subject to the requirements of §99.39, if the University determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her. (§99.31(a)(14)); and
- To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of 21. (§99.31(a)(15)).

8. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Texas Southern University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office

U.S. Department of Education

400 Maryland Avenue, S W

Washington, DC 20202-4605

Fees and Expenses

Resident Status

Students enrolled at the University can be classified as resident, nonresident, or foreign. All students attending Texas Southern University who are nonresidents of this state will be charged additional tuition in accordance with state law. The burden of registering under proper resident status is the responsibility of the student. Nonresidents are persons who are residing in the State of Texas fewer than twelve (12) months immediately preceding their initial registration.

A request for a change of resident status for tuition purposes should be made as soon as the student has met the requirements for residency change, but no later than the 4th class day for a summer session or the 12th class day for a fall or spring semester. Changes made after the 4th/12th class day will apply only for future semesters. All required documents must accompany the Residency Application form, which is available in the Office of the Registrar on the second floor of Bell Hall.

The determination of resident classification for tuition purposes is governed by statutes enacted by the Texas Legislature and by rules and regulations promulgated by the Texas Higher Education Coordinating Board. These regulations may be reviewed in the Robert J. Terry University Library in the Reserved Area.

Required Residency Documentation

The Texas Higher Education Coordinating Board requires that Texas Southern University document each student's residency. In order to apply for Texas residency status for tuition purposes, one must be either a U.S. citizen or permanent resident. The following documents indicating that the student has resided in the State of Texas for 12 continuous months prior to registration may be **required**:

Documentation To Support Domicile And Residency

The following documentation may be requested by the institution in order to resolve issues raised by responses to the Core Residency Questions. The listed documents may be used to establish that the person is domiciled in Texas and has maintained a residence in Texas continuously for 12 months prior to the census date.

Part A: Documentation That Can Support the Establishment of a Domicile and Demonstrate the Maintenance of a Residence in Texas for 12 Months.

- An employer's statement of dates of employment (beginning and current or ending dates) that encompass at least 12 months.
- Other documents that show the person has been engaged in activities intended to provide an income to a person or allow a person to avoid the expense of paying another person to perform the tasks (as in child care or the maintenance of a home) may also be used, as well as documents that show the person is self-employed or employed as a homemaker, or is living off his/her earnings or through public assistance.
- Student employment such as work-study and the receipt of stipends, fellowships or research or teaching assistantships does not qualify as a basis for establishing a domicile.
- For a homeless person, written statements from the office of one or more social service agencies located in Texas that attest to the

provision of services to the homeless person for the 12 months prior to the census date of the term in which the person enrolls.

Part B: Documentation Which (if accomplished and maintained for the 12 months prior to the census date of the term in which the person enrolls and if accompanied by at least ONE type of document listed in Part C) Can Support the Establishment of a Domicile and Demonstrate the Maintenance of a Residence in Texas for 12 Months

- Title to real property in Texas and reflect the ownership interest of the person or dependent's parent.
- Marriage certificate with documentation to support that spouse is a domiciliary of Texas.
- Ownership of business in Texas with documents that evidence the organization or the business as a partnership or corporation.
- State or local licenses to conduct a business or practice a profession in this state.

Part C: Documents That May Be Used to Demonstrate Maintenance of a Residence for 12 Months

These documents do not show the establishment of a domicile. They only support a person's claim to have resided in the state for at least 12 months. Activities in Part A and B of this Chart may be used to establish a domicile.

- Utility bills for the 12 months preceding the census date
- A Texas high school transcript for a full senior year of attendance preceding the census date
- A transcript from a Texas institution showing presence in the state for the 12 months preceding the census date
- A Texas driver's license or Texas ID card with an expiration date of not more than four years
- Cancelled checks that reflect a Texas residence for the 12 months preceding the census date
- A current credit report that documents the length and place of residence of the person or the dependent's parent
- Texas voter registration card that has not expired
- Pay stubs for the 12 months preceding the census date
- Bank statements reflecting a Texas address for the 12 months preceding the census date
- Ownership of real property with copies of utility bills for the 12 months preceding the census date
- Registration or verification from licensor, showing Texas address for licensee
- Written statements from the office of one or more social service agencies, attesting to the provision of services for at least the 12 months preceding the census date
- Lease or rental of real property, other than campus housing, in the name of the person or the dependent's parent for the 12 months preceding the census date

Photocopies of the above items are required with the completed application. Students who do not provide required documentation will be charged nonresident tuition.

If there is a question of a student's legal resident status under state law and University rules, it is the duty of the student to obtain an opinion from the Student Resident Status Advisor prior to registration. Any attempt on the part of the nonresident to evade the nonresident fee will be taken seriously and may lead to expulsion. Nonresident students are given

official notice of their nonresident classification at the time of admission. A student who is classified as a nonresident but who pays the resident fee at any subsequent registration after he or she has been officially advised in writing of nonresident status will receive a penalty of loss of credit.

Tuition and Fees

The University reserves the right to adjust fees without prior notice. A list of tuition and regular fees to be paid by all students enrolled for any semester hours is available through the Office of Student Accounting. In addition to these fees, one should add estimates of special laboratory fees and the cost of books and supplies to arrive at an approximate total amount needed at the time of registration.

All payments to the University should be made by cash, credit card, cashier's check, money order, or personal check and made payable to Texas Southern University. Personal checks will not be accepted for any amount in excess of the total amount due. Postdated checks will not be accepted. There will be a \$25.00 charge for each check returned for any reason. Temporary checks are unacceptable.

Statutory Tuition

Statutory tuition is assessed to all registered students and the charge is authorized under Texas Education Code (TEC) §54.051 in an amount determined by the Texas Legislature for resident or nonresident students. Information on specific rates may be secured from the Office of Student Accounting.

Designated Tuition

The Building Use Fee, of a prorated amount per semester hour, is charged to all students. This fee is used to construct, equip, repair, and renovate buildings and facilities.

Student Service Fee

The Student Service Fee is assessed to all registered students and is used to support certain extracurricular activities, such as student publications, special cultural programs, the marching band, and the athletic programs. This fee also provides for general health counseling, minor medication, and treatment in the Student Health Center. It does not include special medicines, dental care, treatment by specialists, or hospitalization. The amount of the fee depends on the number of credit hours for which the student is enrolled, and it is charged to all students enrolled at the University during a regular semester.

Students enrolled for 12 or more credit hours in each of both semesters of a school year are entitled to receive one copy of the University annual. Students enrolled full-time for only one semester may also receive the annual by paying an additional fee.

Student Center Fee

The Student Center Fee is assessed to all registered students and is used for operating, maintaining, improving, and equipping the Student Center and acquiring or constructing additions to the Student Center.

Library Service Fee

The Library Service Fee is assessed to all registered students and is used for operating, maintaining, improving, and equipping the TSU Library Learning Center and for providing library services to students.

International Education Fee

The International Education Fee is assessed to all registered students and issued to assist students participating in international student exchange or study programs in accordance with guidelines jointly developed by the student governing body and University administration.

Recreational Facility Fee

The Recreational Facility Fee is assessed to all registered students and is used for constructing, operating, maintaining and equipping the recreational facilities and programs.

Intercollegiate Athletics Fee

The Intercollegiate Athletics Fee is assessed to all registered students and is used to develop and maintain an intercollegiate athletics program at the University.

Medical Service Fee

The Medical Service Fee is assessed to all registered students and is used for operating, maintaining, improving, and equipping the medical service facility; acquiring and constructing additions to the medical service facility and providing medical services to students.

Computer Service Fee

The Computer Service Fee is assessed to all registered students and is used to help support the provision of computer services to students.

School Fee

The School Fee is assessed by each college or school to all registered students enrolled in its component major programs in order to support administrative costs.

Late Registration Fee

Texas Southern University reserves the right to conduct registration according to students' last name, major area, or any other delimiting factor. Students are required to register at the time indicated by the class schedule. Failure to complete registration on the date specified, but before the absolute deadline, may result in a late fee assessment.

Drop/Add Fee

A student making a course change or changes after payment of initial tuition and fees may be charged for each change.

Installment Handling Fees

Tuition and fees during the fall and spring semesters may be paid by one of two options:

- Full payment of tuition and fees by the twentieth day of class or
- One-half payment of tuition and fees by the twentieth day of class, one-fourth by the start of the sixth week, and one-fourth by the start of the eleventh week.

Students electing to pay their tuition and fees on the installment plan will be assessed a handling fee for the payment plan. Students are also assessed a fee for each delinquent payment. These fees are nonrefundable.

A student who fails to make full payment or a first installment payment of tuition and fees, including any incidental fees, by the due date may be barred from classes until full payment is made. A student who fails to make full payment prior to the end of the semester may not receive credit for the work done that semester.

Late Payment Fee

A student who fails to make full payment of tuition and fees, or does not have a financial aid deferment by the posted deadline will be assessed a late payment fee.

Laboratory Fee

Fees are assessed for studio and laboratory courses in the following academic disciplines: art, biology, chemistry, education, geology, human services and consumer sciences, music, pharmacy, human performance, physics, and technology.

SEVIS International Fee

International students are required to pay an administration fee for University compliance with the federal student exchange system.

Orientation Fee

First-time students are required to pay a fee for the orientation program and related activities.

Health Insurance

All international students will be assessed a fee for health insurance coverage. Students must provide verification of satisfactory health insurance coverage for the enrollment term to have the fee waived.

Room and Board

Residence hall occupants will be required to sign a Housing-Food Service Contract for the entire academic year before being admitted to the facilities. The Housing-Food Services Contract is personal and may not be transferred or assigned to another person. Any violator will be subject to immediate disciplinary action. Room and Board charges are assessed on an annual basis.

Parking Fee

Students who need to park vehicles in designated student lots on the campus must pay for parking decals to attach to their vehicles. These decals will indicate the parking lot. This fee is assessed on a semester or term basis. Refunds for parking fees must be applied for separately through the Department of Public Safety.

Other Fee(s)

Other fees, not specified in this section, may be charged by colleges, schools, departments, or other offices at the University. Students will be apprised of these fees and their designated purposes at the time that they are incurred.

Regulations Governing Refunds

Dropped Courses

Any student who drops a course(s) within the first twelve (12) days of a fall or spring semester or within the first four (4) days of a summer term and remains enrolled in the University will receive refunds applicable to tuition paid for those courses.

Withdrawals

Refunds for courses enrolled in during a fall or spring semester by a student who officially withdraws from the University are calculated according to the following percentage schedule:

Date	Percent
Prior to the first day	100%
During the first week of class	80%
During the second week of class	70%
During the third week of class	50%
During the fourth week of class	25%
After the fourth week of class	0%

Refunds for courses enrolled in during a summer term by a student who officially withdraws from the University are calculated according to the following percentage schedule:

Date	Percent
Prior to the first day	100%
During the first, second, or third class day	80%
During the fourth, fifth, or sixth class day	50%
Seventh day of class and thereafter	0%

The refundable charges assessed at registration are tuition and applicable fees. Refunds of tuition and fees are calculated based upon the total amount of these fees assessed at registration and not on the basis of the amount of the total that has been paid if a student is paying on an installment basis.

Students who pay fees through financial aid/assistance (including Federal loans/grants) will receive refunds only if the Office of Student Financial Assistance determines that refunds are due.

Students who register for courses that are either paid for directly or paid through the use of financial aid/assistance are considered enrolled at the University until they officially withdraw through the Office of the University Registrar. Ceasing to attend classes or stopping payment of checks for fees owed without officially withdrawing from the University will result in semester grades of "F". Thus, any remaining balance owed to the University by a student who ceases to attend classes, but who does not officially withdraw through the Office of the University Registrar, is still due and **not** subject to reduction.

Refund of Room and Board Fees

Dormitory residents are required to sign a Housing Food Service Contract for the entire academic year. The University's policy concerning refunds associated with room and board fees is stated in the contract. Where refunds are applicable, application for such refunds must be made within one year after official withdrawal.

Refund of Graduation Fees

Graduation fees cannot be transferred to another graduation period. Applications for refunds of the May diploma fee must be made in writing at the Bursar's Office prior to March 1. No other refunds shall be granted. Summer graduates have no refund grace period in as much as orders are placed immediately upon receipt of their applications for graduation.

Financial Obligations

Persons who are indebted to the University in any amount may not be permitted to graduate, receive transcripts, re-enroll at the University, or receive any refunds.

Tuition Rebate Program for Undergraduates

In accord with Section 54.0065 of the Texas Education Code, as authorized by Texas Senate Bill 1907, Texas Southern University provides tuition rebates of \$1000.00 each to undergraduates who complete baccalaureate degrees with no more than three semester credit hours attempted in excess of the minimum required for the major specified in the university bulletin under which they graduated. Specifically, a student qualifying for this rebate must meet the following conditions as set forth in the Texas Education Code:

- The student took his or her first college course in Fall 1997 or later,
- The student was a Texas resident at all times while pursuing his or her degree,
- The student was entitled to pay resident tuition at all times while pursuing his or her degree,
- The student not yet graduated, and
- The student has not attempted more than three semester credit hours in excess of the minimum number of hours required for his or her degree. Hours attempted include for-credit developmental courses, repeated courses, courses dropped after the official census date, transfer credits, course credit by examination, and internship and cooperative education courses. Course dropped for reasons that the University determines to be totally beyond the student's control shall not count toward these attempted hours. Students meeting the criteria referenced above who wish to take advantage of this program must complete a rebate application form and submit it to the Registrar's Office prior to graduation from Texas Southern University.

Types of Financial Aid and Assistance

Pell Grant Program (Basic Educational Opportunity Grant)

The Federal Pell Grant is a federal program designed to assist students in pursuing their first baccalaureate degree. Students apply for a Pell Grant by completing and submitting the U.S. Department of Education's Federal Application for Federal Student Aid (FAFSA), preferably through online submission at www.fafsa.ed.gov (<http://www.fafsa.ed.gov>). The student will receive an electronic e-mail response with instructions for viewing the FAFSA. He should immediately access the application, review it, and then correct any errors with the U.S. Department of Education. The Pell Grant award amounts are calculated once all student data is complete and verified.

Awards depend on the expected family contribution, the amount of semester hours the student is enrolled in, the expected family contribution, and the number of semesters for which the student enrolls. Students who already have a baccalaureate degree from any country are not eligible. **Students must be permanent residents or U.S. citizens to be eligible for the Federal Pell Grant. International students seeking their first undergraduate degrees are not eligible, nor are early-admit high school students.**

Federal Supplemental Educational Opportunity Grant (FSEOG)

The Federal Supplemental Educational Opportunity Grant (FSEOG) is a federal grant for students that have not received a baccalaureate degree and who are eligible to receive a Federal Pell Grant and demonstrate

financial need according to federal methodology. Students must be enrolled at least half time to be considered. Students with the highest need will be given priority for the Federal SEOG program.

Texas Public Education Grant (TPEG)

The Texas Public Education Grant is a state grant for resident and nonresident students with established financial need according to federal guidelines. Students must be enrolled at least half time to be considered.

Texas Grant

The Texas Grant requires the receipt of an official high school transcript indicating that the student graduated in the recommended or distinguished curriculum, foundational or International Baccalaureate. The student must:

1. be a Texas resident,
2. have an expected family contribution under \$5906,
3. register in a minimum of 12 hours per semester, and
4. not have graduated from high school prior to 1989.

Continuing students must meet the state mandated satisfactory academic progress requirements. Complete grant information may be obtained at www.collegefortexans.org (<http://www.collegefortexans.com>).

TEACH Grant

The Teacher Education Assistance for College and Higher Education (TEACH) Grant Program provides grants of up to \$4,000 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. In exchange for receiving a TEACH Grant, students must agree to serve as a full-time teacher in a high-need field in a public or private elementary or secondary school that serves low-income students. Recipients of a TEACH Grant must teach for at least four academic years within eight calendar years of completing the subsidized program of study. Complete grant information and program requirements are published on the Federal Student Aid Web site at www.studentaid.gov/understand-aid/types/grants/teach/ (<https://studentaid.gov/understand-aid/types/grants/teach/>).

To receive the TEACH Grant, a student must meet the following criteria:

- Complete the Free Application for Federal Student Aid (FAFSA). Demonstrated financial need is not needed.
- Be a U.S. citizen or eligible noncitizen.
- Be enrolled as an undergraduate, post-baccalaureate, or graduate student in a postsecondary educational institution that has chosen to participate in the TEACH Grant Program.
- Be enrolled in coursework that is necessary to begin a career in teaching or plan to complete such coursework. Such coursework may include subject area courses (e.g., math courses for a student who intends to be a mathematics teacher).
- Meet certain academic achievement requirements (generally, scoring above the 75th percentile on a college admissions test or maintaining a cumulative GPA of at least 3.25).
- Sign a TEACH Grant Agreement to Serve.

As other grant programs become available at the University, students should directly contact the Office of Student Financial Assistance for pertinent information.

Federal Work-Study Program

The Federal Work-Study Program provides part-time employment opportunities for resident and nonresident students with established financial need according to federal guidelines. These funds, however, are not available to international students or to high school students who have gained early admission to the University. Students may work not work over 20 hours each week. Students must attend a mandatory orientation prior to placement starting to work. Students may contact the Support and Academic units within the University to determine availability of employment opportunities. Generally, a student may explore opportunities that meet the student's academic interest, skills, and work preference. Students are paid at a rate above the national minimum wage as approved by the University at the time that eligibility is established.

Loans

Federal Direct Loans are low-interest loans for students and parents to help pay for the cost of a student's education after high school. The lender is the U.S. Department of Education, though the entity servicing the loan may be a private business. With Federal Direct Loans, the student borrows directly from the federal government and has a single contact, his or her loan servicer, for everything related to repayment. If the student receives Direct Loans at different schools, they may have multiple servicers. Students aggregate loan histories are available through the national repository, the National Student Loan Database which houses a comprehensive history of all Federal Loans borrowed from an eligible Title IV institution. Federal Unsubsidized and Plus loans are available to students that may not qualify for more restrictive aid programs based solely on need. Federal Unsubsidized and Plus loans can be used to replace the expected family contribution. The loans may be awarded up to the total cost of attendance minus any other aid programs. Federal Direct Plus Loans are available to parent and graduate borrowers who do not have an adverse credit history. Students must be permanent residents or U.S. citizens to be eligible for the Federal Direct Loan Programs. The loan programs are not available to international students or to high school students who have gained early admission to the University.

Scholarships

The Scholarship Application is available at www.tsu.edu/admissions/financial-aid/types-of-aid/scholarships (<http://www.tsu.edu/admissions/financial-aid/types-of-aid/scholarships/>) or by contacting the Scholarship Office, located in the West Garage on the corner of Ennis and Blodgett adjacent to the Welcome Center. The application should be completed and returned to the Scholarship Office with all supporting information a prior to March 15th for priority consideration. Once the application is received, the applicant is considered for all available scholarships by the Scholarship Committee, which resides within the Office of Student Financial Assistance. The deadline for receipt of scholarship applications is determined annually by the Scholarship Office.

Outstanding high school students who have been newly admitted to the University are encouraged to apply for scholarships through the Thomas Freeman Honors Program, as referenced earlier, at the time of their admission. Further information may be obtained by calling (713)-313-7458.

Students who are admitted to the University and who wish to participate in competitive sports may qualify for athletic scholarships. Detailed information on these scholarships (along with designated qualifications) may be obtained by calling (713)- 313-7671.

The United States Army through its Army Reserve Officers' Training Corps (ROTC) Scholarship Program provides financial assistance for the undergraduate education of highly qualified and motivated young men and women who ultimately want to pursue careers as commissioned officers in the United States Army after graduation. Detailed information on this program may be obtained by calling (713)-743-3875.

Prospective and continuing students may contact the department of their major or performance arts program administrators for scholarship assistance. Through a number of the instructional units at the University, various types of academic scholarships are available. These scholarships are awarded directly by the sponsoring units, which should be contacted directly through information numbers referenced in this document.

As other programs become available at the University, students should contact the Office of Student Financial Assistance directly for pertinent information.

Financial Aid Eligibility Requirements

In order to maintain eligibility for consideration for financial aid, students must meet the standards set forth in Texas Southern University's policy on Satisfactory Academic Progress (SAP). **There are three facets of the individual student record that determine financial aid eligibility: credit hours, grades, and time frame.** The requirements in each facet vary in accordance with academic status (undergraduate, graduate, or professional student), the college or school of enrollment, and enrollment status (full-time, half-time, or less than half-time). Time frame is always included regardless of the level, enrollment status or degree objective for the student when considering the financial aid satisfactory academic progress standards.

Credit Hours and GPA

Students receiving financial aid must satisfy the qualitative component, credit hours attempted and earned (ratio) and qualitative component, the cumulative grade point average (GPA) needed based upon their individual academic classifications to maintain eligibility. Students receiving aid have their overall enrollments at the University reviewed at the end of the spring semester. If they meet or exceed the minimum SAP standards, the student's next scheduled review will occur annually at the end of the subsequent spring term. If they fail to meet the minimum SAP standards, the student is placed on financial aid suspension and must appeal for reinstatement of eligibility to receive aid. If the student successfully appeals and is approved to regain eligibility to receive aid, the student's SAP is measured at the end of each subsequent term. If the student meets the minimum financial aid satisfactory academic progress requirements, the student regains eligibility to receive Title IV aid. If the student fails to meet the minimum requirements or the requirements outlined in the academic plan, the student is placed on financial aid suspension and may not automatically regain eligibility until the student has met the minimum financial aid satisfactory academic progress requirements for their category. Undergraduate students may appeal for reinstatement after earning a 2.0 in at least 6 hours at an accredited two-year or four-year University, junior or community college prior and meets other federal acceptable terms for reentry into the financial aid programs. Graduate students will be considered based on attainment of

the minimum satisfactory requirements in one term without the benefit of financial aid.

Time Frame

Regarding the time frame needed to maintain eligibility, students will be considered for financial aid for a limited time only. Their enrollment in all postsecondary institutions, regardless of financial aid support, is considered when determining the total number of credit hours that they can enroll in with the benefit of financial aid. Students are allowed no more than 150% of the credit hours required to complete their degree requirements. The Office of Student Financial Assistance should be contacted directly regarding the specifics of time frame limitations. Students are notified when they are approaching enrollment in the maximum number of credit hours permitted. If students exceed this number before finishing their individual programs of study, then they will no longer be eligible to receive federal student assistance.

Students are placed on financial aid suspension with regard to the receipt of financial aid for their next semester of attendance. Students placed on financial aid suspension are required to submit an appeal containing a SAP appeal form, letter of explanation, plan of action for improving their academic performance and academic plan to regain eligibility to receive aid. Submission of an appeal does not automatically reestablish eligibility to receive aid. If they are successful in appealing the financial aid suspension the student's eligibility is reinstated for one term. If the student has an established academic plan and meets the standards outlined in the academic plan, the student is may be allowed to continue with filing an appeal form. To regain full eligibility to receive financial aid, students must complete the requisite number of semester credit hours with the corresponding GPA to regain unconditional eligibility under the Satisfactory Academic Progress (or SAP) policy. Students who meet the conditions of outlined in the approved appeal and an academic plan but continue to fall below the minimum requirements may continue to receive aid. If these conditions are not met the student will be placed on financial aid suspension and may not regain eligibility until the student has met the minimum financial aid satisfactory academic progress requirements for their category or meets other federal acceptable terms for reentry into the financial aid programs.

Financial Aid Suspension

Students who fail to earn the required semester credit hours and achieve the required GPA while on financial aid probation will be placed on financial aid suspension. Thus, they will no longer be eligible to receive federal student assistance. In order to return to financial aid probationary status, students must meet the minimum financial aid satisfactory academic requirements. Students failing to meet the minimum requirements must earn a 2.0 in at least 6 hours at an accredited two-year or four-year university prior to appealing for reinstatement of the financial aid eligibility. The student must submit a financial aid appeal for consideration of reinstatement of aid. Submission of an appeal after achieving a 2.0 does not automatically reestablish eligibility to receive aid; appeals will be considered on a case by case basis for reinstatement of aid.

Exclusions

The following types of registration or grades cannot be used to fulfill conditions for the removal of financial aid probation or suspension: advanced placement credits, credits earned through the credit by examination process, independent study courses, and grades of withdrawal (W), incomplete (I), in progress (R), unsatisfactory (U), and fail (F).

Additional Academic Requirements

If a student applies for financial aid, their eligibility will be based on past performance as measured by the Satisfactory Academic Progress (SAP) standards for financial aid. If a student is a transfer student, he or she will be evaluated within the financial aid SAP maximum time frame based upon the number of semester credit hours accepted by Texas Southern University and subsequently enrolled in at Texas Southern University.

Other factors that students need to be cognizant of with regard to the assessment of financial aid status are as follows:

- Semester credit hours earned from foreign institutions are included in the financial aid SAP evaluation if these credits are accepted by the University and the college/school in which a major is declared.
- If a course is repeated, the semester credits earned will count toward the determination of enrollment status and maximum time frame. If a course is repeated due to a failing grade, financial aid may be applied until the student receives a passing grade in the course. If the student receives a passing grade, financial aid may only be applied for the first instance the course is repeated.
- Courses in which grades of "I" (incomplete) are received do not earn credits to meet the academic year minimum, nor do they influence GPA's in the semester in which they are taken; however, the credits are counted in the maximum time frame.
- Courses in which grades of "W" (withdrawal) are received do not earn credits to meet the academic year minimum, nor do they influence GPA's in the semester in which they are taken; however, the credits are counted in the maximum time frame. Students may retake courses from which they withdraw, and retaken credits will count toward the determination of enrollment status and minimum credits earned.
- Credits earned from undergraduate developmental/remedial courses that students are required to take count toward the determination of enrollment status, minimum semester credits earned, and maximum time frame.
- Credits earned from undergraduate courses taken while students are enrolled as graduate students do not count toward the academic year minimum, nor do they influence GPA's, nor do they count toward the determination of enrollment status or minimum credits earned, unless these credits are specifically required as prerequisites.
- All undergraduate and prerequisite courses are included in the financial aid time frame for financial aid SAP.
- Summer terms are considered special semesters and are not automatically monitored to determine financial aid SAP. Students who attend summer terms and who want credits earned during these terms counted with fall and/or spring semester credit totals must make a request for such at the end of the summer terms of attendance.

Right to Appeal

Students placed on financial aid suspension may appeal this status by completing a Satisfactory Academic Progress Appeal Form in the Office of Student Financial Assistance within 30 days of receipt of notification.

Students who believe that they have been identified as not having met financial aid SAP requirements because of the late posting of grades should contact the Office of Student Financial Assistance once grades have been posted. A counselor will then review the information and determine whether or not the SAP requirements have been appropriately met.

Students who are placed on financial aid suspension should submit a Satisfactory Academic Progress Appeal Form, Letter of Explanation, Plan of Action and Academic Plan. The Academic Plan must be obtained from an academic advisor or designated representative for the department.

Students who fail to achieve financial aid SAP standards because of mitigating circumstances (such as illness, injury, family crisis, or credits earned from incomplete courses) should attach supporting documentation with the appeal. The Satisfactory Academic Progress committee will render a decision after reviewing the documentation presented.

Students who attend either one or both summer terms during a year when they have been placed on either financial aid probation or suspension and succeed in increasing their GPA's and/or semester credit hours completed in order to meet the minimum financial aid SAP standards for the year should appeal their status in writing with supporting documentation to the following:

Satisfactory Academic Progress Appeals Committee
Office of Student Financial Assistance
Texas Southern University
3100 Cleburne Street
Houston, Texas 77004-9987

Decisions on these appeals will be made within 20 business days after their receipt. Students will be notified in writing of the decision.

Withdrawal and Return of Title IV Aid

Unexpected events may cause students to withdraw prior to the end of the semester. Federal regulations require that a Return of Title IV Aid calculation be performed on any student receiving federal aid during the semester. Federal aid includes the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Direct Subsidized/Unsubsidized Loans, Federal Graduate PLUS Loan, and Federal PLUS Loan.

The calculation of Title IV funds earned by the student has no relationship to the student's incurred institutional charges. The institutional Return to Title IV and Post-withdrawal disbursement policy is located in the university catalog and on the university's website on the Manual of Administrative Policies and Procedures (MAPP) 03.08.08. Federal Student aid may not cover all unpaid institutional charges due to the institution upon the student's withdrawal. The Office of Student Accounting and Billing, in conjunction with the Office of Student Financial Assistance, will perform a Return of Title IV funds calculation for each student that withdraws for the semester and notify the student of any repayment of funds as a result of the calculation.

Earned Financial Aid and the Return to Title IV Calculation

According to federal guidelines, the student earns financial aid based on the length of time the student remains enrolled in the term.

If the student withdraws, a Title IV refund calculation will be processed according to the federal regulations based on the last day of attendance. If the student withdraws from school prior to completing 60% of the term, he or she may be required to repay all or part of financial aid received for that term.

If the student initiates the withdrawal process after completing over 60% of the enrollment term, he or she will have earned 100% of the federal financial aid for that term and no repayment is required.

If the student unofficially withdraws, federal regulations require a Return of Title IV aid calculation is performed for the student. The calculation will be based on the 50% point in the semester or the last date of the student's activity in a university related academic activity can be documented.

Repayment of Unearned Aid

The portion of the term that the student does not attend represents the portion of aid that is determined to be unearned. Earned federal financial aid is prorated according to the percentage of the semester completed. The amount of the unearned federal aid is the total amount of federal aid less the portion of earned federal aid. Unearned federal aid, other than federal work study, must be returned to the federal government. The responsibility to repay unearned aid is shared by TSU and the student.

TSU's share is the lesser of the total amount of unearned aid or the institutional charges multiplied by the percentage of aid that was earned. The student's share is the difference between the total unearned amount and the institution's share.

Earned financial aid is prorated according to the percentage of the semester completed. The return of funds is allocated among the Title IV programs, in an order specified by federal statute. TSU is required to return all unearned federal aid attributed to school charges. This means that a portion of your tuition and fees is no longer covered by financial aid and you are liable for paying the balance of your school charges. All unearned federal aid attributed to school charges is subject to immediate repayment by you unless you are eligible for a tuition and fee refund.

Proration of the Cost of Attendance

The average cost of attendance for students is the sum of the following: tuition and fees, room and board, books and supplies, transportation, personal expenses and (if applicable) loan fees

The cost of attendance may be adjusted to allow for exceptional expenses such as dependent care, study abroad, and on a case by case basis based on the submission of the Special Circumstances Form. Average expenses are utilized for students, with different sets of average costs for resident and non-residents students in the following categories: undergraduate, graduate, pharmacy and law. Undergraduate costs are initially based on 15 hours of enrollment. A graduate student is based on 10 hours and professional students are based on 15 hours.

The cost of attendance for students enrolled less than full-time as of the census date for the term will be adjusted based on a student's actual enrollment using the actual cost of tuition and fees and a percentage of books and supplies. Official census dates are as follows:

- 12th class day for the fall and spring terms
- 4th class day summer of second part of term, for those students attending the entire summer term
- 4th class day summer in first part of term, for summer terms

Students enrolled in non-standard terms should consult the course bulletin or Registrar's Office for the census date. Failure to maintain enrollment until the census may render the student ineligible for aid and cause a return of funds to the Title IV programs.

Students that did not have a completed FAFSA/TASFA filed before the census date will have their cost of attendance based on their enrolled hours at census date. If course registrations affecting the student's official census registration are made by the Registrar's Office, additional corrections impacting the student eligibility and/or award amount

may be made. Concurrent Enrollment Agreements, Consortiums and Study Abroad will be reviewed and adjusted based on enrollment; per the program requirements for minimum enrollment and consortia documentation. Adjustments to the cost of attendance may cause a reduction of aid and necessitate the return of funds to the Title IV programs.

Residential Life and Housing Procedures

The demand for student housing is quite large. Facilities may not be available for all students who apply. To process applications expeditiously, students must request and submit the appropriate application for the type of accommodation desired.

To begin the housing reservation process, a student will submit an electronic housing application via the TSU Housing website at www.tsu.edu/housing (<http://www.tsu.edu/housing/>).

Housing Reservations

Reservations are made on a priority basis. Freshmen will be served first priority at the freshman housing facility. Sophomores are accommodated at the 2nd level, followed respectively by juniors and seniors. Assignments depend on housing availability.

All domestic and international students should make applications with applicable fees as early as possible prior to the semester or term in which they wish to attend. **Applicants must be accepted to the University before applying for housing accommodations.**

Students must provide proof of receiving the Meningitis Vaccine prior to applying for housing.

Housing Lease Cancellations/ Terminations

All requests for cancellation of housing reservation or termination must be in writing and submitted to the Department of Residential Life & Housing. Requests may also be sent via email to tsuhousing@tsu.edu.

Resident's Responsibilities

Students are cautioned to read carefully all terms and conditions stated on the application form, lease agreement, resident handbook, information bulletins, food service contracts and all e-mail communications. Students will be held accountable for adherence to the contents of all contractual information. Once a student is assigned to a room, he/she is responsible for its maintenance (i.e., keeping the room in good condition) and shall be held responsible to the University for damages to equipment and furnishings. Charges will be assessed for damages or defacements beyond normal wear and tear.

Texas Southern University strongly urges students to provide personal property insurance via a rider on the family's homeowners insurance or by purchase of a personal property insurance policy provided by a third-party insurance provider.

All residents are expected to familiarize themselves with and abide by the Residential Life & Housing Rules and Regulations and the Student Code of Conduct www.tsu.edu/ssp/pdf/tsu-student-code-of-conduct.pdf (<http://www.tsu.edu/ssp/pdf/tsu-student-code-of-conduct.pdf>). **Violation of University Rules and Regulations could result in disciplinary actions**

taken by Residential Life & Housing Staff, and/or the Office of Student Conduct.

Student Services and Campus Life

STUDENT SERVICES and campus life

ERNEST S. STERLING STUDENT LIFE CENTER

The Sterling Student Life Center (SSLC) is the epicenter of campus life. Students from all over the university converge on this part of campus to engage in the unique social, cultural (And yes, even educational!) activities at one of Texas's premiere HBCUs. Located on the famous Tiger Walk, the Student Center is home to the Student Government Association (SGA), University Program Council (UPC), Herald Newspaper, Tiger Yearbook, Office of Campus Organizations, TSU Cheerleaders, Tiger Card Office, Office of Student Activities and the Office of the Assistant Dean of Student Services.

Student Life Center staff and students know that the events/programs sponsored under the auspices of Student Activities give students the opportunity to implement their ideas in a creative, practical, learning environment.

On any given day, students can be found socializing with classmates, fraternity brothers/sorority sisters, or just plain old friends in the lobby, game room, or in front of the SSLC building. Student organizations sponsor events in the Student Center that range from educational seminars to autograph signings of up and coming Hip Hop and R&B artists.

Also located in the SSLC are the Sodexo Food Services, Barnes and Noble Bookstore, the Copy Center as well as Barber and Beauty Services. In addition to student and university functions, the Student Center entities.

STUDENT LIFE

The Office of Student Life is committed to facilitating the holistic development of our students while cultivating a diverse and inclusive campus community. Student Life staff are educators and mentors who work collaboratively with faculty and staff of the University to provide learning experiences both in and outside the classroom.

Our programs and services foster student learning and development, inspire TSU pride, promote health and wellness, and prepare students for their chosen professions in the global society.

UNIVERSITY PROGRAM COUNCIL

The University Program Council is composed of students, staff, faculty, and administrators who work in collaboration with the Office of Student Services in implementing programs for the University community. The Council's charge includes sponsoring a comprehensive list of social, cultural, intellectual, and recreational programs which enhance the total development of students.

STUDENT GOVERNMENT ASSOCIATION

The Student Government Association is the supreme governing body of Texas Southern University students. Comprised of the three branches, Executive, Legislative, Judicial, the Student Government Association serves as a means whereby students' opinions, views, and aspirations may be properly discussed and acted upon.

STUDENT PUBLICATIONS

The Office of Student Publications and the students working therein are responsible for the planning, writing, designing, and production of our student publications. Student Publications is committed to providing the students and campus community with quality publications that enhance the University.

ROYAL COURT

Mister and Miss Texas Southern University, and The Royal Court are the most celebrated student leadership roles at the University. Their roles include public speaking as student body spokespersons, student role models, and new student recruiters. Students who compete for these titles are expected to represent the student body and the University throughout the year in a variety of different activities/capacities.

CAMPUS PALS

The purpose of the Texas Southern University Campus PALS is to provide assistance to the new students of Texas Southern University and to assume the larger responsibility of effectively integrating students into campus life through the dissemination of information and education.

TSU CHEERLEADERS

The Texas Southern University Cheerleaders Program promotes and uphold spirit and traditions while striving to motivate, inspire, and entertain fans at games, appearances, community outreach events, and competitions. Members will maintain a good sportsmanship while focusing on academic success, student development, leadership opportunities, student health and well-being while operating within safety regulations set forth by the American Association of Cheer-leading Coaches & Administrators (AACCA).

Counseling Services

The mission of the University Counseling Center (UCC) is to help students enhance their academic and personal well-being. The UCC seeks to provide counseling and support, crisis intervention, grief counseling, outreach, and referral services to TSU students. We also offer consultation, education, training, and prevention strategies to faculty, staff, and the university community. We seek to promote an environment of inclusion, personal development and student success.

Confidential counseling services are made available for all currently enrolled TSU students at no charge. Our primary responsibilities are to alleviate distress and promote healthy functioning by providing confidential short-term or ongoing counseling services. These services include, but are not limited to individuals, couples, family and/or group consultation, referrals, and public presentations for campus organizations and/or academic classes.

The UCC staff consists of licensed mental health professionals from diverse clinical backgrounds. The UCC will refer students to psychologists, psychiatrists, and physicians when necessary. This practice allows the staff to provide quality counseling, integrated care, appropriate referrals, consultation, and training. The UCC clinical staff are trained and experienced in responding to a variety of issues encountered by university students.

The UCC is in the Student Health Center. Office hours are 8:00 a.m. to 5:00 p.m. Monday through Friday. Come by the office or call the UCC at 713-313-7804 to make an appointment or for additional information.

Student Health Services

Student Health Services provides medical care to students when they are sick or injured, and consistently delivers health promotions programming campus-wide. To receive services at the clinic, students must be registered for the current semester and have a valid Tiger One Card. Medical services are provided by medically trained staff on a walk-in basis.

Health Services is in the Student Health Center on Tierwester Street between Lanier East and the General Services building. The clinic is open Monday – Friday, from 8:00 a.m. to 5:00 p.m. After hours of operation and on weekends, students should contact TSUPD at (713) 313-7000 for assistance.

Services and some medications are provided free of charge to students. Fees for services received outside of the clinic are the responsibility of the student. Federal and State regulations require us to protect your health information. No one can get information from a student's medical record without the student's written consent or a court ordered subpoena.

Health Insurance

International Students are required to have health insurance and are automatically enrolled and charged for the university-sponsored student health insurance plan. To have the charge removed, students are required to show proof of comparable private health insurance by completing an online waiver by the 20th day of classes.

For assistance with completing the waiver contact the Office of Risk Management. Domestic students have a variety of options for obtaining health insurance including, purchasing the university-sponsored health insurance, remaining on their parent's insurance or purchasing insurance from the provider of their choice.

Health Awareness/Health Promotions

Each semester Student Health Services provides peer-lead outreach programs focusing on the prevention of the spread of communicable diseases. Annual programming includes HIV/STI presentations, health fairs, blood and bone marrow registration drives, and health awareness campaigns. HIV testing is available in the Student Health Center every Wednesday and Friday, during the fall and spring semesters. Additional information about our services can be found by calling the clinic at (713) 313- 7173.

Health Requirement

Immunization Requirement - Bacterial Meningitis (ACWY)

If you are attending Texas Southern University for the first time, or you had a break in enrollment of one fall/spring semester and you will not be 22 years old by the first day of class, the State of Texas requires you to submit proof of vaccination against bacterial meningitis (A,C,W,Y). Initial doses must be administered at least 10 days before attending classes. If this is not your first dose, it must be taken within the past 5 years. Detailed information about the immunization requirement and how to submit your immunization record can be found at www.tsu.edu/students-services/departments/health-services/immunizations (<http://tsu.edu/students-services/departments/health-services/immunizations.html>).

TRIO STUDENT SUPPORT SERVICES PROGRAM

Funded by the United States Department of Education, Texas Southern University's TRIO Student Support Services Program is designed to

provide academic assistance and counseling to "TRIO" eligible students who are pursuing a baccalaureate degree. All services are provided free of cost so as to empower participants to realize their academic and career goals. Specific program services include the following.

Tutoring

All participants are eligible to receive tutoring. Each participant will be assessed by a staff member to identify critical academic support needs. "Learning Enhancement" tutor/mentors will provide academic support assistance in numerous disciplines.

Counseling

The director and project advisor/counselor will interview and assess each eligible applicant. Together, they will identify the student's academic and self-development needs. Additionally, students will have access to career, personal and academic related counseling services.

Workshops

Workshops offered by the program include, but are not limited to, the following: financial aid assistance, test-taking skills, career planning, time management, note-taking skills, GRE, and graduate/professional school information. Each workshop is carefully designed with the student's best interest in mind.

Financial Aid Advisement

The program provides assistance in completing the Free Application for Federal Student Aid (FAFSA) and facilitate workshops relative to accessing financial aid resources, and other Financial Literacy Awareness training.

Cultural Enrichment

Participants are offered an opportunity to attend activities that foster cultural enrichment (e.g., Broadway plays and University theatrical productions, and other diversity, or cultural exposure activities).

Computer/Copier/Internet Access

So as to advance academic research, participants are afforded access to educational support resources such as copiers, computers, laptops, printers, and the internet.

TRIO Student Support Services Program Eligibility Criteria

To qualify for program participation, students must be U.S. citizens or permanent residents and have a need for academic support. Additionally, students must satisfy one of the following criteria:

- Be a first-generation college student (neither parent/nor guardian has a four-year college degree);
- Have an economic need as established by the Department of Education income guidelines; and/or
- Provide documentation to support a disability.

TRIO SSS Location and Hours of Operation

The TRIO Student Support Services main office and tutorial laboratory are in the Bell Building, Suite 128. Hours of Operation: 9 a.m. – 6 p.m., Monday thru Friday.

For additional information, please call the TRIO Student Support Services' administrative office at (713) 313-7483/7486.

University Career and professional development center

TSU Career & Professional Development Center (CPDC) is part of TSU's Division of Student Services. Our comprehensive services are open to all students and alumni. The mission of TSU Career & Professional Development Center (CPDC) is to contribute to the TSU community of learning by providing exceptional career development services that help students apply their education and experiences toward advancing their career goals over a lifetime. The CPDC encompasses five interlocking components: Career Awareness-Discovering your Path; Exploring Your Options; Job Location – Finding Internships; Professional Development and Career Launch Strategies.

The University Career Center also focuses on developing strong relationships with employers and assisting them in their recruiting needs. Provided services include career fairs, on-campus recruitment, and resume referrals that assist in meeting each organization's needs. If the need is filling internships, cooperative education, or full-time employment opportunities, the Career Center is dedicated to providing each organization/corporation personal and prompt service.

TSU Career & Professional Development Center staff members want to help you learn about your skills and interests, and articulate them confidently in résumés, cover letters, interviews, and personal statements; identify and explore career options that you might pursue; implement an effective strategy to attain your desired career outcomes. We invite you to visit our office, so that we may create an individualized career plan for you!

Whether a student, an alumnus, or an employer, the Career Center is committed to assisting you in meeting your goals. The Center is in the Bell Building, 1st Floor, South (rear) Entrance. Office hours are 8:30am – 5pm, Monday through Friday. For further information, contact us at 713-313-7541 or visit us at www.tsu.edu/careercenter (<http://www.tsu.edu/careercenter/>). To register with the Career Center, go to www.tsu.joinhandshake.com (<https://tsu.joinhandshake.com/>). **P.O.W.E.R.** Providing Opportunities Within Everyone's Reach.

Connect with us: @TSUCareerCenter

Facebook: www.facebook.com/tsucareerservices (<https://www.facebook.com/tsucareerservices/>)

Twitter: [www.twitter.com/tsucareercenter](https://twitter.com/tsucareercenter) (<https://twitter.com/tsucareercenter/>)

Instagram: www.instagram.com/tsucareercenter (<https://www.instagram.com/tsucareercenter/>)

LinkedIn: www.linkedin.com/in/tsucareercenter (<http://www.linkedin.com/in/tsucareercenter/>)

University Testing Services

The University Testing Services program renders the following services:

1. The provision of local and national testing programs for its clientele.
2. The collection of relevant and reliable psychometric information about the learner.
3. The collection of relevant and reliable psychometric information about prospective students of Texas Southern University.
4. The provision of test services and test consultations for various components within the University.

5. The provision of counselors and admission officers with test profiles on all freshman students.
6. The provision of academic advisors with test profiles and other relevant test data compiled on their advisees.

University Testing Services offers two specific programs: national testing programs and institutional testing programs. National Testing Programs are testing programs which are administered nationwide in terms of date and time. They are controlled by test service centers external to the University. Institutional testing programs are programs that are conceived, designed, implemented, and controlled by the University. Those national testing programs which are currently conducted by University Services are:

- American College Testing (ACT) Program Test
- American College Residual Testing (ACT-R) Program Test
- College-Level Examination (CLEP) Program
- General Education Development (GED) Test
- Graduate Records Examination (GRE)
- Law School Admission Test (LSAT)
- Pharmacy College Admission Test (PCAT)
- Scholastic Aptitude Test (SAT)
- Test of English as a Foreign Language (TOEFL)
- Texas Educator Certifications (TExES)
- Texas Success Initiative Assessment (TSI)

Statement of Ethical Principles

Title IX Grievance Procedures

I. Purpose and Scope

It is the policy of Texas Southern University not to discriminate on the basis of sex in its educational programs and activities as required by Title IX of the Education Amendments of 1972. Title IX provides that "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Sex discrimination includes sexual harassment and sexual assault. This policy shall apply to all students, staff, faculty, contractors, vendors, and/or visitors to Texas Southern University.

As a student of the University you are protected from sex discrimination in areas including, but not limited to:

- Admission to schools/colleges
- Access to enrollment in courses
- Access to and use of school facilities
- Counseling and guidance materials, tests and practices
- Vocational education
- Physical education
- Competitive athletics
- Graduation requirements
- Student rules, regulations and benefits
- Treatment as a married and/or pregnant student
- Housing
- Financial assistance

- Health services
- School-sponsored extracurricular activities

As an employee of the University you are protected from sex discrimination in areas including, but not limited to:

- Employment, evaluation, wages, advancement, assigned duties and shifts
- Career advancement
- Other terms and conditions of employment

II. Definitions

1. **Sex Discrimination.** Sex discrimination can occur when conduct is directed at a specific individual or a group of identifiable individuals that adversely affects the education or employment of the individual or group because of sex. Behaviors that may be sex discrimination include, but are not limited to:
 - a. Exclusion from educational resources or activities because of one's gender
 - b. Subjection to jokes or derogatory comments about one's gender; or
 - c. Being held to different standards or requirements on the basis of one's gender
2. **Sexual Harassment.** Sexual harassment is a form of sex discrimination that can occur when there are:
 - a. Unwelcome sexual advances;
 - b. Request for sexual favors, whether or not accompanied by promises or threats relating to the employment or academic relationship, or that in any way influence any academic or personnel decision regarding a person's academic standing, employment, evaluation, wages, advancement, assigned duties, shifts or any other condition of employment, career or academic development;
 - c. Any verbal or physical conduct of a sexual nature that threatens or implies, either explicitly or implicitly, that an employee's or student's submission to or rejection of sexual advances will in any way influence any personnel or academic decision regarding his or her academic standing, employment, evaluation, wages, advancement, assigned duties, shifts or any other condition of employment, career or academic development;
 - d. Any verbal or physical conduct that has the purpose or effect of substantially interfering with an employee's ability to do his or her job or a student's academic standing, performance or development;
 - e. Any verbal or physical conduct that has the purpose or effect of creating an intimidating, hostile or offensive working or educational environment; and
 - f. Certain conduct in the workplace or educational environment, whether physical or verbal, committed by supervisors, non-supervisory personnel, or faculty, including but not limited to references to an individual's body; use of sexually degrading words to describe an individual; offensive comments; off-color language or jokes; innuendoes; and sexually suggestive objects or behavior, books, magazines, photographs, cartoons or pictures.
3. **Sexual Assault.** Sexual assault is a non-consensual act involving psychological manipulation, physical force, or coercion. As defined by the Texas Penal Code, a stranger or acquaintance commits sexual assault through forcible sodomy, forcible sexual penetration, however slight, of another person's mouth, anal or genital opening with any object. These acts must be committed without the victim's consent

either by force, threat of force or violence, intimidation or through the use of the victim's mental or physical helplessness of which the accused was aware or should have been aware.

III. Reporting Complaints

Texas Southern University (TSU) encourages any student, employee or visitor who thinks that she or he has been subjected to sex discrimination, sexual harassment or sexual assault by another student, member of the faculty or staff, campus visitor or contractor, to report that action immediately to the University's Title IX Coordinator or a Deputy Coordinator.

Any complaint of sex discrimination, sexual harassment or sexual assault made under this procedure must be submitted in writing within 180 days after the occurrence (or the last of a series of occurrences) of the alleged discrimination.

All TSU employees are responsible for promptly reporting incidents of sex discrimination, sex harassment and sexual assault that come to their attention to the University's Title IX Coordinator or a Deputy Coordinator (unless the employee is statutorily barred from sharing such information).

All other individuals (e.g. students, visitors) are urged to report to their supervisors or the University's Title IX Coordinator/Deputy Coordinators conduct that they believe violate the University policies prohibiting sex discrimination.

IV. Notice of Title IX Coordinator/Deputy Coordinators

While compliance with the law is everyone's responsibility at the University, listed below are the University's Title IX Coordinator, Deputy Coordinator and Intake Investigators who have primary responsibility for Title IX compliance.

Title IX Coordinator:

Bobby Brown, Office of Title IX

Hannah Hall 106

Texas Southern University

Houston, TX 77004

Bobby.brown@tsu.edu

Duties and responsibilities of the Title IX Coordinator include monitoring and oversight of overall implementation of Title IX compliance at the University, including, but not limited to coordination of training, education, communications, and administration of grievance procedures for faculty, staff, students and other members of the University community.

Title IX Intake Investigators:

For student complaints, please contact:

Delynn Walker

Office of the Dean of Students

Recreation Center, Room 200

Texas Southern University

Houston, TX 77004

Delynn.Walker@tsu.edu

For faculty, staff and visitor complaints, please contact:

Dominique Guinn

Health & Kinesiology Department

Health & Physical Education Building, Room 159

Texas Southern University Houston, Texas 77004 (713) 313- 7584
Dominique.Guinn@tsu.edu (Dominique.Guinn@tsu.edu)

For complaints in Athletics, please contact:

Dr. Dwalah Fisher

Senior Woman Administrator - Athletics
Health & Physical Education Building, Room 114
Texas Southern University Houston, Texas 77004 (713) 313- 7272
Dwalah.Fisher@tsu.edu (Dwalah.Fisher@tsu.edu)

Gender Equity in Athletics

If you have a complaint about gender equity in TSU athletic programs, you should contact the Senior Woman Administrator - Athletics, who is responsible for Title IX compliance in matters relating to gender equity in TSU athletic programs.

For Sexual Assault:

To file a complaint of sexual assault, you may contact one of the offices listed above, and you may also contact:

TSU Department of Public Safety

Texas Southern University
3443 Blodgett Street
(713) 313-7000 (Emergency) (713) 313-7001 (Non-emergency)

U. S. Department of Education, Office for Civil Rights

You may also file a complaint of illegal discrimination with the Dallas regional office of the U. S. Department of Education's Office for Civil Rights (OCR).

Contact information for OCR is:
1999 Bryan Street, Suite 1620
Dallas, Texas 75201
(214) 661-9600
OCR.Dallas@ed.gov

Confidentiality

Discrimination and harassment complaints will be handled in a confidential manner to the extent possible and consistent with principles of due process. Information will only be shared on a need-to-know basis and as provided for by University policy and applicable federal and state laws.

V. Informal Resolution Procedures

Though not required, employees and students are encouraged to attempt initially to resolve complaints at the lowest level through the administrative structure of the employment unit or academic department.

If you would like to proceed informally, you should ask your supervisor, the other person's supervisor, the Title IX Coordinator or a Deputy Title IX Coordinator to intervene. Do not rely upon other co-workers or individuals who are not familiar with University policy to intervene on your behalf when discussing your concerns with the person whose behavior is unwelcome and/or offensive. In cases involving allegations of sexual assault, mediation is not appropriate, even on a voluntary basis.

You have the right to end the informal resolution process at any time and begin the formal resolution process.

Supervisors or administrators, including faculty, always should contact the Title IX Coordinator or a Deputy Coordinator before attempting to resolve any complaints.

VI. Formal Resolution Procedures

You may initiate formal complaint procedures by filing a complaint with the University's Title IX Coordinator or a Deputy Coordinator ("Coordinator") whether or not you have attempted resolution through informal procedures. The individual who files the complaint is referred to as the "Complainant". The individual against whom the complaint is filed is referred to as the "Respondent". Collectively these individuals are referred to as the "parties". The University will work to investigate all complaints as quickly and professionally as possible. When investigations confirm the discrimination and/or harassment allegations, appropriate corrective action will be taken to prevent the recurrence of any discrimination or harassment.

Filing of a Complaint

The complaint must be submitted in writing, must be filed within one hundred eighty (180) days of the incident (or last of a series of incidents) that is the basis of the complaint, and must contain the following information:

- Complainant's name and contact information, including address, telephone number and e-mail address;
- Name of Complainant's Department Head/Dean/Vice President (if Complainant is an employee);
- Name of person(s) responsible for alleged violation(s);
- Date(s) and place(s) of alleged violation(s);
- Nature of alleged violation(s) as defined in this policy;
- Detailed description of the specific conduct that is the basis of alleged violation(s);
- Names of any witnesses to alleged violation(s);
- Action requested to resolve the situation;
- Complainant's signature and date of filing; and
- Any other relevant information/documents

The following communications do not constitute a complaint and will not be investigated or resolved pursuant to this complaint resolution process:

- Oral allegations
- E-mail correspondence
- Anonymous communications
- Courtesy copies of correspondence or a complaint filed with others/ other entities
- Inquires that seek advice or information only
- Pre-complaint consultations and informal resolution activity

Notwithstanding the foregoing, the University will, pursuant to its obligations under Title IX, respond to all incidents of possible sex discrimination, harassment and sexual assault, of which it knows or reasonably should know.

Receipt of a Complaint

Upon receipt of the written complaint, the Coordinator will meet with the Complainant within five (5) working days to review the complaint procedures, discuss the Complainant's allegations, and determine, if appropriate, whether the Complainant is amenable to resolving the complaint through informal procedures. If the Complainant is willing to first proceed informally, the Coordinator will temporarily postpone the complaint investigation and contact the Respondent to determine whether he or she is willing to participate in an informal resolution.

If the Complainant wishes to proceed directly with the formal complaint procedures, or the Respondent declines to participate in

an informal resolution, or attempts to resolve the complaint through informal procedures are unsuccessful, the Coordinator will assess the Complainant's written complaint to determine whether the allegations state a potential violation of federal or state laws or University policies.

Acceptance of a Complaint

Within five (5) working days of: 1) the Coordinator's receipt of the complaint; 2) the Coordinator's initial meeting with the Complainant; or 3) the Coordinator's determination that an informal resolution of the Complainant's complaint is no longer feasible – whichever is later, the Coordinator shall decide whether the written complaint states a potential violation of University policies or federal or state laws and shall notify the Complainant in writing of her/his determination.

If the Coordinator determines that the allegations of the complaint state a potential violation, the Coordinator will notify the Complainant that the complaint has been accepted and within ten (10) days thereafter provide written notice to the Respondent of the complaint allegations. In addition to notice of the complaint being provided to the Respondent, the Coordinator shall provide notice to the Respondent's immediate supervisor and divisional vice president.

If the Coordinator determines that the allegations of the complaint do not state a violation of University policy or federal or state laws, the Coordinator will provide written notice of this decision to the Complainant. The notice shall explain why the complaint does not state a violation.

Complaint Investigation

The allegations in all complaints will be investigated thoroughly to assure a resolution that is consistent with the facts. The investigation may include, but is not limited to:

- Interviewing the Complainant
- Interviewing the Respondent
- Interviewing witnesses and reviewing evidence presented by the parties
- Interviewing other material witnesses
- Reviewing relevant files and records;
- Comparing the treatment of the Complainant to that of others similarly situated in the department or unit; and/or
- Reviewing applicable policies and procedures

All interviews will be audio recorded. Parties and witnesses will be informed that their statements will remain confidential only to the extent allowed by laws.

Evidence will be reviewed using a preponderance of the evidence standard (e.g. is it more likely than not that a violation of University policy occurred).

Abandonment of Complaint

The following acts may constitute abandonment of a complaint:

- Failing to respond or take an action required by the policy or procedure within the specified time limit;
- Failing to appear for a scheduled meeting/hearing without adequate cause; or
- Otherwise failing to advance the complaint in a timely manner.

No further action or appeal will be allowed following a Coordinator's determination that the Complainant has abandoned their complaint.

The Coordinator will provide written notice to the Complainant of this determination.

Notwithstanding the foregoing, the University will, pursuant to its obligations under Title IX, respond to all incidents of possible sex discrimination, harassment and sexual assault, of which it knows or reasonably should know.

Report of Findings and Recommendation – Complaints Against Nonstudents

The investigation shall normally be concluded within sixty (60) working days of the filing of the written complaint, at which time the Coordinator shall issue a written report to the Respondent's supervisor/department head. If a complaint is directed against a supervisor/department head who would otherwise act on a complaint, the function assigned to that supervisor/department head will be delegated to the next level supervisor in the Respondent's line of supervision. The report shall include a summary of the Complainant's allegations, the Respondent's response to the allegations, findings of fact and conclusions, as well as appropriate recommendations.

If the report determines a finding of a violation of University policy and/or federal or state law, within five (5) working days following receipt of the report of findings and recommendation, the supervisor/department head shall determine a disciplinary action that is appropriate for the severity of the conduct. Disciplinary action which may include sexual harassment, non-retaliation and/or managerial training, a letter of reprimand, a formal letter of apology to the Complainant, a reduction in administrative duties (e.g. removal as chair of department), unpaid suspension and/or termination of employment, will be taken in accordance with applicable University policies and procedures. Disciplinary action must be approved by the Office of Human Resources prior to the action being taken.

The supervisor/department head shall communicate the discipline decision in writing to the Coordinator and the Coordinator shall provide written notice to the parties of the outcome of the investigation.

Report of Findings and Recommendation – Complaints Against Students

The investigation shall normally be concluded within sixty working (60) days of the filing of the written complaint, at which time the Coordinator shall issue a written report. The report shall include a summary of the Complainant's allegations, the Respondent's response to the allegations, findings of fact and conclusions, as well as appropriate recommendations.

Any disciplinary proceedings involving a student will be conducted pursuant to the provisions of the University's Student Conduct Code. Disciplinary sanctions under the Code may include sexual harassment and non-retaliation counseling, disciplinary reprimand, disciplinary probation, suspension and expulsion.

The University will take necessary steps to prevent the recurrence of any discrimination found to exist. The Coordinator shall provide written notice to the parties of the outcome of the investigation. In all Student Conduct Code disciplinary proceedings initiated pursuant to this Policy the Complainant will be provided with the same procedural protections provided to the Respondent, including but not limited to the right to:

- Receive notice of the hearing;
- Select and be accompanied and assisted by an advisor;
- Attend a pre-hearing disciplinary conference;
- Present witnesses and evidence in support of her/his position;

- Appeal the determination of the hearing panel;
- Notice of the outcome of the complaint and any appeal

Further, the Complainant and Respondent will not be allowed to personally question or cross-examine each other during disciplinary hearings/proceedings. Finally, all evidence will be reviewed using a preponderance of the evidence standard (e.g. is it more likely than not that a violation of the Student Conduct Code occurred).

As required by Federal law, any disclosure of the findings and decision in regards to student disciplinary proceedings will be governed by the provisions of the Family Educational Rights and Privacy Act.

Protective Measures

At times the Title IX Coordinator/Deputy Coordinator may deem it necessary to recommend steps before or during an investigation to protect the rights and interests of the Complainant and/or the Respondent. Those measures may be designed to reduce or eliminate contact between the Complainant and Respondent so that both parties feel safe in their work or educational environment. Protective measures may also guard against further actual or perceived discrimination or retaliation.

Protective measures may include but are not limited to temporary changes in working conditions (such as changes in supervisor, shift, job site, or office location), changes in class schedule, changes in living arrangements, directives to the Complainant and Respondent to avoid personal contact or refrain from such contact without a third party neutral person present, and in severe cases interim suspension.

Effect of Criminal Proceedings

Because sexual assault may constitute both a violation of University policy and criminal activity, the University encourages students to report alleged sexual assaults promptly to University and/or local law enforcement agencies. Criminal investigations may be useful in the gathering of relevant evidence, particularly forensic evidence. Because the standards for finding a violation of criminal law are different from the standards for finding a violation of this Policy, criminal investigations or reports are not determinative of whether sexual assault, for purposes of this Policy, has occurred. In other words, conduct may constitute sexual assault under this Policy even if law enforcement agencies lack sufficient evidence of a crime and therefore decline to prosecute.

The filing of a complaint of sexual assault under this Policy is independent of any criminal investigation or proceeding, and (except that the University's investigation may be delayed temporarily while the criminal investigators are gathering evidence) the University will not wait for the conclusion of any criminal investigation or proceedings to commence its own investigation and take interim measures to protect the Complainant and the University Community, if necessary.

Retaliation Prohibited

It is contrary to Title IX, and other federal and state civil rights laws, and to University policy, to retaliate against any person for asserting his/her civil rights, including filing a claim of discrimination or participating as a witness in an investigation. Retaliation or reprisals against any participant in an investigation will not be tolerated by the University. Retaliation against a person who files a claim of discrimination (including sexual harassment or sexual assault) is grounds for a subsequent claim by that person under the University's Retaliation policy (MAPP 02.05.14). If a person believes that he or she has been retaliated against as a result of filing a grievance or participating in the investigation of a grievance, he or she may pursue a separate complaint charging retaliation.

Filing of False Complaints

Any employee or student who knowingly and intentionally files a false complaint under this procedure is subject to disciplinary action up to and including dismissal from the University/termination of employment.

Time Frames

Time frames referenced in these procedures may be extended by the Coordinator for good cause, such as holidays or when classes are not in session, or when it is necessary to complete an investigation due to difficulties reaching witnesses or parties to the complaint.

VII. Title IX Grievance Procedures

This procedure shall constitute the grievance procedures for complaints alleging unlawful sex discrimination required under Title IX of the Education Amendments of 1972. As used herein, "complaint" is synonymous with "grievance".

VIII. Other Discrimination Grievances/Complaints

Complaints and grievances by faculty, staff and students alleging other forms of unlawful discrimination and harassment by faculty or staff, including but not limited to unlawful discrimination/harassment based on race, color, religion, national origin, age, disability, sexual orientation or veteran status, are subject to the procedures set forth in the University's "Complaint and Grievance Policy" – MAPP 02.05.01.

Americans With Disabilities Act (ADA)/ Section 504 Policy

A. Purpose

The purpose of this operating policy/procedure is to ensure understanding of the University's responsibilities regarding the Americans with Disabilities Act (ADA), the ADA Amendments Act of 2008 (ADAAA) and Section 504 of the Rehabilitation Act of 1973 as amended (Section 504). It is the policy of Texas Southern University (TSU) to provide reasonable accommodations upon request for qualified individuals with a disability who are students, employees, or applicants for employment. TSU will adhere to all applicable state and federal laws, regulations and guidelines with respect to providing reasonable accommodations as required in an effort to offer equal opportunities to qualified disabled individuals. The Vice President for Student Services will review this policy on an annual basis and forward any recommendations for revisions to the Human Resources Department.

B. Introduction

The Americans with Disabilities Act (ADA) of 1990 mandates equal opportunities for persons with disabilities in all public facilities, programs, activities, services and benefits derived from them. Section 504 of the Rehabilitation Act of 1973, as amended, mandates equal opportunity for qualified persons with disabilities in all programs, activities and services of recipients of federal financial assistance. The ADA, ADAAA and Section 504 are civil rights statutes which prohibit discrimination on the basis of disability, obligate colleges and universities to make certain adjustments and accommodations, and offer to persons with disabilities the opportunity to participate fully in all institutional programs and activities.

For federally assisted programs or activities operated by post-secondary education recipients, the specific obligations with regard to disabled students, faculty or staff, include but are not limited to the following:

- All programs and activities must be offered in the most integrated setting appropriate.

- Academic requirements must be modified, on a case-by-case basis, to afford qualified disabled individuals an equal educational and/or work opportunity;
- A recipient may not impose upon disabled individuals rules that have the effect of limiting their participation in the recipients' education program or activity; for example, prohibiting tape recorders in classrooms or guide dogs in campus buildings.
- Students with impaired sensory, manual or speaking skills must be provided auxiliary aids such as taped texts, interpreters, readers and classroom equipment adapted for persons with manual impairments.

Texas Southern University provides all educational and other university-sponsored programs and activities to persons with disabilities in the most integrated setting appropriate. Students, employees, applicants and other individuals with disabilities served by TSU are not segregated, separated or treated differently. TSU does not require persons with disabilities to take advantage of all adjustments, accommodations or special services.

C. Scope

This policy applies to students, staff, faculty, job applicants, visitors, vendors and other beneficiaries of the programs, services, and activities of TSU.

D. Definitions

- **ADA/Section 504 Coordinator.** The University's Associate Vice President for Human Resources acts as the ADA/Section 504 Coordinator for faculty, staff and students and ensures the University's compliance with relevant federal and state laws regarding the ADA.
- **Disability.** A disability is defined as a physical or mental impairment that substantially limits one or more major life activities, a record of such impairment, or being regarded as having an impairment.
- **Disability Resource Committee ("DRC").** A university advisory group that offers informal advise and support to the administration in responding to persons with disabilities, their supervisors, visitors and the university community at large.
- **Essential Function.** A task or responsibility that is central (not marginal) to the purpose of the job, the class, or the activity.
- **Major life activity.** Major life activities include, but are not limited to caring for oneself, performing manual tasks, seeing, hearing, eating, sleeping, walking, standing, lifting, bending, speaking, breathing, learning, reading, concentrating, thinking, communicating and working and major bodily functions, which include functions of the immune system, normal cell growth, digestive, bowel, bladder, neurological, brain, respiratory, circulatory, endocrine and reproductive functions. An individual's ability to perform a major life activity is compared to most people in the general population.
- **Qualified individual with a disability.** An individual who has a physical or mental impairment as defined above, has a record of such impairment, or is regarded as having such impairment, who possesses the requisite skills, education, experience and training for a position, and who can, with or without a reasonable accommodation, perform the essential functions of the position the individual desires or holds.
- **Reasonable Accommodation.** A modification or adjustment to the job application process or the work or academic environment that enables a qualified person with a disability to be considered for a position, perform the essential functions of a position, or enjoy the same benefits and privileges of employment and academics as

are enjoyed by similarly situated employees or students without disabilities. Reasonable accommodations include, but are not limited to modifying written examinations, making facilities accessible, adjusting work schedules, restructuring jobs, providing assistive devices or equipment, providing readers or interpreters, and modifying work sites.

- **Substantial limitation.** An impairment that prevents the performance of a major life activity that the average person in the general population can perform, or a significant restriction as to the condition, manner or duration under which an individual can perform a particular major life activity as compared to the average person in the general population.
- **Undue hardship.** An action that is unduly costly extensive, substantial, disruptive, or an act that would fundamentally alter the nature or operation of the business. An "undue hardship" is determined in accordance with the Americans with Disabilities Act (ADA), the Texas Commission on Human Rights Act, and relevant case law. Factors to consider in determining whether or not an accommodation would impose an undue hardships include, but are not limited to, the nature and cost of the accommodation, financial considerations, the impact of the accommodation upon the nature and operation of the department and how the request affects the health and safety of other employees or students.

E. Information

Any communications from the University concerning ADA and Section 504 related information shall be made accessible to all students and employees. This term includes student and employee policies, procedures, emergency evacuation plans, and other related information that shall be published in the student course selection booklet, student catalogs and handbooks, employee handbooks, and the University's Staff Operating Manual.

F. Disability Resource Committee

The Disability Resource Committee ("DRC") shall be charged by the President with assisting in the University's compliance with ADA laws. The DRC acts as an advisory group providing informal advice and support to the administration in responding to issues regarding individuals with disabilities. The members of the committee shall be appointed by the President. Representation will include an individual from the following areas: Office of the General Counsel, Student Services, Human Resources, Thurgood Marshall School of Law (TMSL), College of Pharmacy and Health Sciences (COPHS), Facilities and Maintenance Services, Buildings and Grounds, Special Events, Faculty Senate, Staff Council, Risk Management, and one (1) member from the Student Government Association totaling eleven (11) members for the Disability Resources Committee.

G. ADA/Section 504 Coordinator

The University's ADA/Section 504 Coordinator, in conjunction with the Disability Resource Committee and ADA Hearing Committee, is responsible for assisting the University in compliance with all applicable state and federal laws regarding the ADA.

H. ADA Hearing Committee

The ADA Hearing Committee is responsible for hearing all ADA complaints submitted by students, visitors or employees. The Committee is composed of one (1) faculty member, one (1) administrator or staff member, and one (1) representative from the Student Health Center. The Committee shall be appointed by the President. Either the faculty

member or the administrator or staff member shall serve as Chair of the Committee.

I. ADA Building Representative

A designated representative in each building serves as the point-of-contact for all ADA and Section 504 accessibility issues. That individual is responsible for assisting building occupants with being properly notified regarding ADA and Section 504 requirements, updates and emergency evacuation plans. The representative will report any ADA concerns to the Disability Resource Committee.

Procedures for Requesting Accommodations

A. Introduction

All offices and individuals responsible for reviewing and analyzing the request shall maintain the confidentiality of all medical and ADA information. Records and information obtained about employees as part of a request for accommodations shall be maintained in a secure location in the ADA/Section 504 Coordinator's office. Student records and information obtained on students as part of an accommodations request shall be kept in a secure location in the Student Accessibility Service Office (SASO). All information shall be kept confidential, to the extent allowed by law, and shall be shared on a limited need-to-know basis to implement the accommodation request.

The University may, at the University's expense, request an independent medical opinion concerning the impairment for which an employee or student seeks an accommodation. This decision is based on several factors, and each case is assessed individually. Failure of an employee or student to cooperate in obtaining such an opinion will result in the cancellation of the request for accommodation.

B. Student Requests

Students requesting eligibility for accommodations and services may initiate this request for accommodation(s) by contacting the Student Accessibility Services Office (SASO) located in the Student Health Center. Students will be required to provide a recent medical statement that contains a diagnosis, prognosis, and a description of the specific impairment(s) and the major life functions and activities affected by the impairment. Records and information obtained about our students as part of an accommodations request shall be kept in a secure location in the Student Accessibility Services Office (SASO). Students may be asked to submit additional medical information if the information previously provided is incomplete, outdated, unclear, or inconsistent according to the guidelines set forth by the SASO.

All documentation and information submitted with a request for accommodations shall be reviewed and considered by the University. The University may consult with an outside expert, who will assess the request and make recommendations for modifications. If a student is dissatisfied with the determination on accommodations, he or she may initiate a request for reconsideration with the SASO and may be required to submit additional information. The SASO and/or its consultant will review the determination and consider any additional information. The SASO will then issue a written notice regarding the outcome of reconsideration of the student's request. If a student remains dissatisfied with the determination, he or she may file an ADA complaint under the procedures outlined in the University's ADA policy.

SASO is in the Student Health Center. Office hours are 8:00 a.m. to 5:00 p.m. Monday through Friday. Call SASO at (713) 313-4210, either to

make an appointment or to obtain additional information. More detailed information regarding the process may be found in the ADA/504 Policy (MAPP 02.05.15).

C. Staff/Faculty Employee Requests

Staff/faculty employees of TSU may request an accommodation by notifying the ADA/Section 504 Coordinator in writing stating the nature of their disability and the accommodation requested. Employees may be required to provide a recent medical statement by an appropriately licensed professional that contains a diagnosis, prognosis, and a description of the specific impairment(s) and the major life functions and activities affected by the impairment. Employees may be asked to submit additional medical information if the information previously provided is incomplete, unclear, outdated or inconsistent. If the employee does not provide the required documentation and information within fifteen (15) days, the request for accommodations may be cancelled for lack of necessary information.

In the event that a supervisor receives a request for accommodation, the supervisor shall immediately notify the ADA/Section 504 Coordinator so that the request may be processed in a timely manner. Any supervisor who, during job performance counseling, is informed by an employee that a physical or mental condition may be affecting the employee's work performance shall refer the employee to the ADA/Section 504 Coordinator.

The ADA/Section 504 Coordinator will analyze the request and confer with the employee and the supervisor to ascertain the employee's requirements and input on a reasonable accommodation and make a determination regarding which accommodations are necessary. If the employee is unable to demonstrate a disability or does not request a reasonable accommodation under the guidelines set forth in this policy, the request may be denied.

More detailed information regarding the process may be found in the ADA/504 Policy (MAPP 02.05.15).

D. Job Applicants

Applicants for employment may request accommodations by contacting the Office of Human Resources in Hannah Hall 126, the department in which they will be interviewing, or the chair of the search committee, when applicable. Upon receipt of a request, the chair of the department or search committee shall immediately notify the Office of Human Resources or the ADA/Section 504 Coordinator regarding the request. If the Office of Human Resources receives a request, the request should be forwarded to the ADA/Section 504 Coordinator, who will work with the appropriate individuals to determine what reasonable accommodations may be offered to a potential job applicant.

Applicants may be required to provide a recent medical statement by an appropriately licensed professional that contains a diagnosis, prognosis, and a description of the specific impairment(s) and the major life functions and activities affected by the impairment. Applicants may be asked to submit additional medical information if the information previously provided is incomplete, unclear, outdated or inconsistent. If the applicant does not provide the required documentation and information within fifteen (15) days, the request for accommodations may be cancelled for lack of necessary information.

E. Beneficiaries of Programs, Services and Activities

Beneficiaries of programs, services and activities may request accommodations by contacting the department or organization hosting

the event, program, or activity. A designee of the event, service, or activity shall immediately notify the ADA/Section 504 Coordinator regarding the request. The ADA/Section 504 Coordinator shall determine, on a case-by-case basis, what reasonable accommodations may be offered.

Individuals may be required to provide a recent medical statement by an appropriately licensed professional that contains a diagnosis, prognosis, and a description of the specific impairment(s) and the major life functions and activities affected by the impairment. Individuals may be asked to submit additional medical information if the information previously provided is incomplete, unclear, outdated or inconsistent. If the individual does not provide the required documentation and information within a reasonable time prior to the event, service, or activity, the request for accommodations may be cancelled for lack of necessary information.

Complaint and Hearing Procedure

A. Purpose

The purpose of this procedure is to provide the primary process for addressing student and employee complaints based on disabilities under the ADA and Section 504 of the Rehabilitation Act of 1973. Texas Southern University has adopted an internal complaint procedure providing prompt and equitable resolution of complaints alleging any action prohibited by Title II of the ADA and/or Section 504 of the Rehabilitation Act. Any individual who believes he or she was denied a reasonable accommodation or received insufficient accommodations in violation of this policy or disability laws may file an ADA complaint with the appropriate University official.

B. Complaints

All student ADA complaints should be addressed to the Student Accessibility Services Office (SASO):

Texas Southern University Student Accessibility Services Office
Student Health Center, Room 140

3100 Cleburne Street, Houston, Texas 77004

Or contact (713) 313-4210 or DisabilityServices@tsu.edu (<https://catalog.tsu.edu/undergraduate/statement-ethical-principles/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DA03ZMRG/DisabilityServices@tsu.edu>).

C. Complaint and Hearing Procedure

A complaint should be filed in writing, contain the name, address and telephone number of the Complainant, and briefly describe the alleged violation of the regulations. The complaint should be filed within thirty (30) days after the Complainant becomes aware of the alleged violation.

After receiving an ADA complaint, the University's ADA/Section 504 Coordinator shall schedule a hearing before the ADA Hearing Committee and submit a copy of the complaint and any other relevant documents to the committee. The hearing shall be scheduled within twenty-one (21) days from the date the ADA/Section 504 Coordinator receives the complaint.

The hearing shall consist of opening statements, if desired, by the Complainant, the institution or their representatives, and testimony by any witnesses called by the Complainant or the institution. During the hearing, both parties and the members of the ADA Hearing Committee shall have the right to question witnesses and introduce any relevant exhibits to the committee. The Complainant shall have the responsibility of presenting relevant facts and circumstances to establish the validity of

the complaint. Formal rules of evidence will not apply during the hearing. The proceeding shall be non-adversarial in nature.

The chairperson shall control the hearing and take appropriate action to ensure an equitable, orderly, and expeditious hearing. As presiding officer, the chairperson may remove anyone not complying with the rules and/or disrupting the hearing. Witnesses will be heard one at a time and may be excused from the hearing by the chairperson after testifying.

At least ten (10) working days prior to the hearing, either party may request in writing that the proceedings be tape-recorded. At the conclusion of the testimony, both parties will be permitted to make a closing statement. Following the hearing, the Hearing Committee will retire to deliberate and will submit a written report of its recommendations to the ADA/Section 504 Coordinator within seven (7) days after hearing the complaint.

The complainant may request an appeal of the case in instances where he or she is dissatisfied with the resolution. The request for an appeal should be made within five (5) business days of receiving the decision of the Hearing Committee to:

ADA Coordinator:

Yolanda Edmond

Office of Title IX

Hannah Hall 126

Texas Southern University

Houston, TX 77004 (713) 313-4239

yolanda.edmond@tsu.edu (<https://catalog.tsu.edu/undergraduate/statement-ethical-principles/file:///C:/Users/derrick.manns/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/DA03ZMRG/yolanda.edmond@tsu.edu>)

D. Appeals

Final determination of a reasonable accommodation rests with the University. Any request for an appeal that is submitted to the ADA/504 Coordinator shall be reviewed by the Associate Vice President/Chief Human Resources Officer for final review and resolution.

Substance Abuse Prevention, Education, and Intervention Program (SAPEI)

The total health and welfare of the students at Texas Southern University (TSU) is of paramount concern to all staff, faculty, and administrators, who realize that students are striving to achieve a quality education and prepare to enter the workforce. They also recognize that alcohol and other drugs often become a part of the social interaction of young people. TSU, as well as all other federally funded institutions of higher learning, is mandated by the United States Department of Education to have a program on campus that will address the use of alcoholic beverages and illicit drugs by students. The unit charged with this responsibility is the Substance Abuse Prevention, Education and Intervention Program (SAPEI) of the University Counseling Center. SAPEI is an outcome of the Higher Education Amendments of 1986. TSU's Board of Regents has approved policies to regulate the use of alcohol, drugs, and other controlled substances on campus.

The SAPEI program utilizes a variety of approaches with which to educate our students; among these are classroom presentations,

dissemination of educational materials (pamphlets, brochures), and campus-wide observances (e.g., National Collegiate Alcohol Awareness Week, health fairs, etc.). It also cosponsors programs with various student organizations on campus. SAPEI also provides individual, family, and group counseling at no charge to all currently enrolled students.

SAPEI is in the Student Health Center. Office hours are 8:00 a.m. to 5:00 p.m. Monday through Friday. Call SAPEI at 713-313-7800, either to make an appointment or for additional information.

Office of Continuing Education

The Texas Southern University Weekend College and Division of Continuing Education was renamed, the College of Continuing Education by the Board of Regents on June 3, 1994; this marks one of the most significant changes in the unit since it was created in 1973 originally as the "Weekend College." As of July 2012, the College of Continuing Education has been renamed the Office of Continuing Education (OCE) and our role is to continue to provide programs and services that affirm the University's mission.

The Office of Continuing Education is Texas Southern University's administrative unit for essentially delivering non-credit courses, but we also offer courses for college credit through our Weekend College for non-traditional students seeking a degree. More specifically, our unit is designed to meet identifiable community needs in lifelong learning and professional development by providing educational opportunities for all.

Our Office of Continuing Education has a long history of success that is consistent with the University's overall strategic plan and our overall goals are:

- To offer degree programs through the Weekend College program for students who have earned previous college credits.
- To offer a suite of high-quality continuing education programs that provides certification and licensure in high demand fields.
- To be responsive to the needs of our community by offering enrichment and recreational programs that support principles of lifelong learning.

Our programs are largely a response to what we believe represents what people tell us they need to advance their career or just to grow in life. Therefore, we offer both regular college credit courses and courses that qualify for continuing education. Our new certificate programs will offer participants learning experiences that are targeted at ensuring that they bring about meaningful career advancement or opportunities for transitioning to new and exciting careers. Our continuing education offerings provide a vehicle for members of the communities we serve to pursue their lifelong learning goals through targeted programs, seminars, workshops, conferences and special events.

Mission Statement

To act as an agent through which our community may acquire continued knowledge and skills that enhance their ability to enter and remain fully engaged in the job market and enjoy lifelong learning.

Admission Information

Applicant demographics include:

- TSU students seeking alternative pathways for learning, especially where online options exist

- Working students seeking professional and/or personal enrichment through certification courses and CEU's Working students seeking non-traditional, evening and weekend-course offerings
- Military personnel and veterans seeking to utilize their educational benefits

An applicant's eligibility to enroll in the Weekend College which offers for-credit courses for degree completion is governed by the same criteria for admissions into the University:

An earned high school diploma or GED

No active scholastic or disciplinary dismissal from any institution of higher education

Completion of the prerequisites listed for the course for which the student intends to register (see Course Prerequisites as specified by departments)

Satisfactory completion of the THEA requirements (if applicable) Good financial standing, including no active holds with the University

Degree Offerings

Non-Credit Courses and Continuing Education Units. Texas Southern University's Office of Continuing Education is committed to establishing and fostering relationships with organizations that share its commitment to the community by offering or partnering in conferences and/or workshops in which we will offer CEU credits. The OCE can offer a wide variety of workshops and educational seminars for Continuing Education Unit (CEU) credits. Full listings of all non-credit course offerings available on the TSU webpage, including online courses.

In a continuous effort to meet community needs, the OCE may offer new certificates and/or enrichment and recreational programs that may not be listed above. Log on our TSU webpage or please contact the OCE at 713-313-7577 to receive updated information.

TSU Online

TSU Online seeks to firmly embed online education and other instructional technologies as key elements of the teaching and learning culture of Texas Southern University (TSU). TSU Online has a broader aim to enhance the University's reputation for teaching excellence and to provide a richly interactive and stimulating learning environment for students, faculty and staff alike. This section highlights TSU Online services, direct and indirect, reflecting their relationship to and impact on the student and faculty experience with instructional technologies as follows:

- Direct Services: touch both students and faculty utilizing various instructional technologies and services such as the Learning Management System (Blackboard Learn), online faculty development, digital content development, and course instructional design.
- Indirect Services: comprise the enabling services for the effective delivery of direct services including classroom technology support, student academic technology support, distance learning equipment maintenance and support, academic software development, and College/School website development and maintenance.

Technology and Coursework Completion

1. Blackboard and Your Course

- All Courses at Texas Southern, whether classroom based or wholly online, may utilize Blackboard for coursework delivery to varying extents depending on the instructor. Online courses are heavily dependent of blackboard for content delivery, student engagement and interaction, grade reporting, and synchronous/asynchronous lecture delivery. Familiarity with blackboard is critical to your success as a student. Here are a few things to know about blackboard for coursework delivery at Texas Southern:
- The Login URL: www.texasu.blackboard.com ([https://texasu.blackboard.com/](https://www.texasu.blackboard.com/)).
- The Student Resources link on the blackboard log in page contains various resources to help you get started, including tutorial videos.

1. Coursework Participation

- Both face-to-face and online courses may utilize blackboard for coursework delivery. This includes ongoing assessments, assignments, tests, and paper submission. It is the responsibility of the student to be mindful of the following:
- **Confirm technical requirements and Workspace:** Online classes can benefit students with busy schedules, but only if they can access the materials. Make sure you will have access to a good working computer with appropriate productivity software suites, reliable internet connection, and an ideal location to take tests and participate in online web conferences as needed.
- **Connect with instructors early:** Send your instructor a note, an email, introducing yourself and what you hope to get out of the class. Share your thoughts and course needs as the semester progresses. Instructors love to hear from students, however, keep the communication chatter free.
- **Create a schedule:** Familiarize yourself with the full semester schedule and contact your instructor early to see if accommodations can be made if you sense a conflict might occur during the semester. Otherwise, stay on schedule.
- **Stay organized:** Students enrolled in traditional courses usually have a consistent schedule to follow each week, with in-class instruction followed by out-of-class assignments. Find ways to stay on top of your coursework by utilizing tools such as electronic calendars, digital reminders, and other mobile electronic resources that can alert you to pending deadlines.
- **Know your rights:** Students taking online classes have very similar rights as on campus students. Consult your student handbook for more information.

What to Expect When Taking Online Courses at TSU

Online courses at TSU are offered primarily as asynchronous (any time), Web-based instruction. While anytime, anywhere learning increases the accessibility of TSU courses, students should reflect carefully on whether online courses match their learning style and expectations for study. In particular, students should self-assess their level of readiness to learn in an online environment. Online courses are geared for the mature, self-motivated learner. They are not easier or less time-consuming than face-to-face (F2F) courses; many students feel that online courses initially require additional effort to adapt to new modes of course delivery and new ways of interacting with the instructor and fellow students.

Online courses are designed as active and collaborative (including peer-to-peer) learning environments. The instructor will provide his or her expertise through lectures, readings, activities, and discussions with

students, serving as a facilitator, and encouraging students to explore and interact with fellow learners to reach new levels of understanding and knowledge. Some instructors may even schedule optional synchronous (a.k.a., real time) meetings to aid students.

Successful peer interactive learning requires regular attendance and participation; students enrolled in online courses are expected to log into the course website frequently (at least four or five times per week). Although asynchronous courses allow for flexibility in how students schedule their class work, activities and assignments often follow a rigorous schedule with firm deadlines. Typically, students will log into their course at the beginning of each week to receive instructions about what learning activities to complete; these activities are often bundled as a "learning module." Over the course of each week, they will be required to complete various activities (e.g., quizzes, exercises, short papers) and participate in online discussions by the dates the instructor has established in the syllabus and weekly learning modules. Students may also work on term projects over the course of the term in addition to weekly assignments.

Throughout the semester, online classroom participation through Web tools such as discussion boards, weblogs, and wikis are expected on a regular basis and often represents a significant portion of the final grade for the course (30 percent or higher in many cases). Students should examine the syllabus closely to determine requirements for the course and weighting of each assignment.

Getting Help and Contacting TSU Online

For assistance with blackboard and other instructional technologies for coursework related activities you may contact TSU Online through any of the following options:

Email: tsuonline@tsu.edu

Phone: (713) 313-7242

In Person: Mack H. Hannah Hall 320

General Office Hours: Monday – Friday (8am – 5pm)

The University's Library Learning Center

The TSU Library Learning Center (LLC)

The Texas Southern University's Library Learning Center supports the university's academic and research mission and vision by providing easy access to relevant adequate and appropriate library and information resources, services and support. These services and resources are designed to enhance and facilitate scholarship. Through information literacy, the library prepares 21st-century learners to be lifelong learners in the information age. The library's knowledgeable and experienced team provides reference and research assistance, consultation and instruction.

The library's principal resources consist of comprehensive collections of print and non-print materials that support course offerings, instruction and research. The current print collection consists of fewer than 100,000 circulating items. However, the library licenses and provides access to an impressive collection of over 260 electronic databases, affording access to thousands of full text e-journals. Additional electronic databases provide access to thousands of e-books. Most of these electronic

databases are accessible on campus, off campus and through electronic mobile devices.

In support of a multi-disciplinary approach to scholarship, the new Library Learning Center is designed to encourage collaboration and to house a comprehensive collection of relevant resources that support the curriculum. As increased emphasis on timely access to relevant content drives institutional demands for electronic resources, the library responds by continuously analyzing feedback and strengthening the collections. Registered students have access to most resources, both on- and off-site.

The library catalog is searchable 24/7. Materials are classified using the Library of Congress (LC) Classification System and are distributed throughout the third, fourth and fifth floors of the Library Learning Center

To encourage and reinforce study, a number of closed study rooms, individual study carrels, and collaborative study areas are provided on most floors. With the exception of Special Collections, the library maintains open stacks.

Special Collections and the Traditional African Art Gallery are located on the second floor of the Library Learning Center. Many of the University's "treasures" are housed in these collections. These unique holdings constitute diverse collections with local, state, regional, national and international significance. Among the collections are the Congresswoman Barbara Jordan Archives, The Traditional African Art Gallery, The Heartman Collection on African American Life and Culture, and The University's Archives. Hours may vary.

Public access kiosks are located throughout the Library Learning Center. Wireless access is available throughout the Center. Online Services provided by the Library Learning Center include: bibliographic (course-centered) instruction, information literacy instruction, "Ask A Librarian" (Chat or email), My Account, interlibrary loan and document delivery. Distance Learning Services and reciprocal borrowing from TexShare libraries are available for currently enrolled students, and current TSU employees. Under normal circumstances, students are eligible to borrow materials directly from most Texas state colleges and universities. Additional information regarding this service may be obtained by calling the Library Learning Center (713-313-7148). Other services offered include access to photocopying equipment and free scanning services for persons with disabilities. For more information, see the Texas Southern University's Library Learning Center's website or contact the Reference Desk at 713-313-7402.

Office of Information Technology

Who We Are

Welcome to the Office of Information Technology (OIT) at Texas Southern University. OIT has integrated systems throughout the campus to improve IT services, technology adoption, and student success. Essential to this effort has been the centralization of technologies and resources with a clearly defined mission.

This mission has been accomplished by taking a leadership role in university-wide strategic planning for information systems, creating user engagement, and recommending innovative uses of technology to meet the needs of the university. OIT works to enhance the quality and customer experience of information technology services. OIT responsibilities related to technology services fall within the following domains: "Enterprise Engagement, Enterprise Solutions, Enterprise Technology, and Enterprise Applications."

Our Vision

To be an exemplary service-oriented partner of the students, faculty, staff, and the community of Texas Southern University. Our vision is aligned with the Top 5 Priorities of the University: Student Success and Completion, Academic Program Quality and Research, Culture, Partnerships, and Finances.

Our Mission

The mission of the Office of Information Technology is to support the mission of Texas Southern University by delivering technology services, solutions and guidance.

Have an issue? You can submit a self-service help desk ticket by visiting www.tsu.edu/about/administration/office-of-information-technology (<http://www.tsu.edu/about/administration/office-of-information-technology/>) or calling 713-313-HELP (4357). For assistance with resetting your TSU Network password, please visit www.mypassword.tsu.edu/showLogin.cc (<https://mypassword.tsu.edu/showLogin.cc.html>).

Office of Veterans Services

The Office of Veteran Services functions as part of the Division of Student Services and supports the educational process of servicemen/women and veterans of the Armed Forces of the United States, their spouses and/or dependents who are eligible for educational benefits at the University. Areas of services include:

- Texas Southern University Office of Veteran Affairs (TSUOVA)
- Texas Southern University Veterans Resource Center (TSUVRC)
- Reserve Officers' Training Corps Programs (ROTC)
- Other Affiliated Programs and Services

Basic educational eligibility requirements include the DD214 (Member 4 or Service 2), official military Joint Services Transcript (JST), and the Certificate of Eligibility (COE) from the Department of Veterans Affairs. The office's primary mission is providing advising and assistance to facilitate acquiring educational benefits from the Veterans Administration (VA) and Texas Veterans Commission (TVC) programs.

The Texas Southern University Office of Veteran Services also provides numerous programs to assist with the transitional processes involved with our returning veterans and their families. We have a University Counseling Center on campus as well as provide referrals to the Houston VA Medical Hospital. Opportunities also exist for student employment with the VA Federal Work-Study program and the TSU Career and Professional Development department. There is also a Resource Center within the department for use by VA students. To inquire about any VA benefits, programs, or resources, please contact us at (713) 313-7862 or via email at veteransaffairs@tsu.edu. You may also find information online at www.tsu.edu/veterans (<http://www.tsu.edu/veterans/>), the U.S. Department of Veterans Affairs website at www.va.gov/ (<http://www.va.gov/>) or the Texas Veterans Commission website at www.tvc.texas.gov/ (<http://www.tvc.texas.gov/>).

Veterans (VA) Benefits (Federal)

VA education benefits include Chapter 30, 31, 33, 35, 1606 and 1607, and Tuition Assistance. Students are reminded that federal law does not allow for the University to process out of state tuition/fees. The student has the responsibility to provide the residency application to the Office of Veteran Services for approval and forwarding to the TSU Office of the

Registrar for final processing (waiver, not to be confused with in-state tuition/fees).

Texas Hazelwood Act (State)

Information for eligibility and the application for the Hazelwood Act can be found at www.tvc.texas.gov/ (<http://www.tvc.texas.gov/>). Additional required document information is located at www.tsu.edu/veterans (<http://www.tsu.edu/veterans/>). Students are reminded to comply with timelines, GPA/SAP eligibility and in-state requirement for Veteran and dependents (some exclusions apply).

Veterans Priority Registration/Processing

Veterans receive priority registration for all semesters 1 week prior to regular student registration. Current and prospective students are encouraged to begin the benefits application process at least 45 days prior to Veterans Registration. Early submission of all required documentation is processed in the order received granted all required paperwork and documentation has been received by the Office of Veteran Services ensures delivery of benefits in a timely manner.

Reserve Officer Training Corps (ROTC)

Texas Southern University has a Reserve Officer Training Corps (ROTC) program. Students interested in joining ROTC can contact Mr. Roland Thomas at 713-313-4857.

Schools and Colleges

- Jesse H. Jones Schools of Business (p. 57)
- The School of Communication (p. 77)
- College of Education (p. 103)
- College of Liberal Arts and Behavioral Sciences (p. 163)
- Barbara Jordan - Mickey Leland School of Public Affairs (p. 266)
- College of Pharmacy and Health Sciences (p. 289)
- College of Science, Engineering and Technology (p. 321)
- Thomas F. Freeman Honors College (p. 421)

Jesse H. Jones Schools of Business

The mission of the Jesse H. Jones School (JHJ School) of Business is to transform students into leaders in the global marketplace. To achieve this mission, we provide quality education in an entrepreneurial, global context through effective teaching, theoretical and applied research, and community engagement in a student-centered environment.

In pursuing our mission, the JHJ School is committed to the following core values: Student-Centered Learning, Global Perspective, Community Engagement, Professionalism, and Innovativeness.

The Jesse H. Jones School of Business consists of three departments:

1. Accounting and Finance
2. Business Administration

Through these departments, five undergraduate degrees and three graduate degrees are offered. Students should refer to the Graduate School Bulletin of Texas Southern University for information on the graduate degree programs.

- Department of Accounting and Finance (p. 59)
 - Accounting Minor for Non-business Major Requirements (p. 63)
 - Accounting, Bachelor of Business Administration (p. 63)
 - Finance, Bachelor of Business Administration (p. 64)
- Department of Business Administration (p. 66)
 - Management Information Systems, Bachelor of Business Administration (p. 71)
 - Management with Human Resource Management Concentration, Bachelor of Business Administration (p. 72)
 - Management, Bachelor of Business Administration (p. 74)
 - Marketing, Bachelor of Business Administration (p. 76)

The School is administratively organized with a Dean who is assisted by an Associate Dean for Administration, an Associate Dean for Academic Affairs and Research, an Assistant Dean for Business Student Services, an Assistant Dean for Accreditation and Assessment Services, two department chairpersons, and support staff. All administrative offices, including departmental offices, are located in the Jesse H. Jones School of Business building.

Admission Policies

General Information

Admission to the Jesse H. Jones School of Business is governed by the policies established for the Office of Enrollment Management and the various guidelines established by the departments in the School.

Admission of Undergraduate Transfer Students

Students who have been enrolled in other colleges or universities, who are admitted to Texas Southern University, and who wish to enroll in the Jesse H. Jones School of Business, are subject to the regulations pertaining to transfer credit as established by the University and referenced in the section of this bulletin devoted to Admission Requirements, Enrollment Procedures, and Academic Regulations.

Students who wish to transfer credits from a two-year, regionally accredited institution should note the following conditions upon which such transfers are acceptable:

1. Only freshmen (100-level) and sophomore (200-level) business courses in which grades of "C" or better have been earned may be transferred.
2. The "first upper-level course" in each functional area (with associated credit) may be transferred if validated and if a grade of "C" or better has been earned. (Validation consists of passing a departmental examination).
3. Students who wish to transfer credits from four-year regionally accredited institutions may transfer courses equivalent to those offered through the Jesse H. Jones School of Business, provided grades of "C" or better have been earned and subject to departmental degree requirements.

Readmission of Former Students

Former students of Texas Southern University who wish to re-enroll in the Jesse H. Jones School of Business are subject to the regulations pertaining to readmission as established by the University and referenced in the section of this bulletin devoted to Admission Requirements, Enrollment Procedures, and Academic Regulations.

General School Policies

1. All students majoring in any area of business must maintain an overall grade point average (GPA) of 2.00 to remain in good academic standing.
2. All students enrolled in the Jesse H. Jones School of Business are required to follow the sequence of courses outlined in their respective degree plans.
3. All students enrolled in the School must earn grades of "C" or better in English 131, English 132, Mathematics 135, Mathematics 138, and all transfer credits.
4. At least 50 % of the business semester credit hours required for the various business degrees must be earned at Texas Southern University.
5. Students may not enroll in advanced courses without satisfactorily completing the prerequisites required for such courses.
6. Students earning undergraduate degrees from the School are not required to declare a minor in a second academic discipline offered through the University.
7. Students must complete a comprehensive exit examination prior to graduation.
8. Proper professional conduct is required of all students enrolled. This includes dress, language, honesty, personal integrity, and personal ethics.

Accreditation

The University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools. The Jesse H. Jones School of Business is also accredited by AACSB International, the premier global accrediting agency for programs in business. AACSB International accreditation is the hallmark of distinction in management education and assures students, faculty, alumni and other stakeholders of the School's commitment to maintaining a standard of excellence in business education and a program for continuous quality improvement.

Student Organizations

Student organizations operating in the Jesse H. Jones School of Business contribute significantly to the student's total educational experience. They are important vehicles for creative interaction among students, between students and faculty, and between students and their counterparts on other campuses. They also provide linkages between the School and the business and professional community.

School-Wide Organizations

The Mack H. Hannah Junior Chamber of Commerce was named for a black pioneer business leader in Houston who also served as a University regent and benefactor of the School. This school-wide club is a central focus of extra-curricular efforts and serves as the student government organization within the Jesse H. Jones School of Business. In the latter function, it assures students a voice in all aspects of college life and affords them the opportunity to experience leadership and participatory governance.

Students in Free Enterprise (SIFE) creates and presents a wide variety of innovative community outreach projects. This provides an opportunity for students to make a difference and to develop leadership, teamwork, and communication skills through learning, practicing, and teaching the principles of free enterprise.

The Student Business Leadership Organization (SBLO) has as its mission the development of Jesse H. Jones School of Business students into community and corporate leaders by enhancing their skills, talents, and experiences. Membership qualifications include being an undergraduate major or minor in the Jesse H. Jones School of Business or pursuing the Master of Business Administration degree while having a grade point average of 2.70 or higher.

The Graduate Student Association (GSA) seeks to improve the quality of life for graduate students and enhance their profile by providing opportunities to further entrepreneurship and job placement, establishing a network with local, regional or national graduate business school chapters and graduate associations on the campus of Texas Southern University, promoting volunteerism and community awareness by establishing partnerships within the business community, and supporting graduate program student recruitment and retention.

Computer and Information Technology Student Organization (CITSO) provides a channel for communication between students and professional leadership within information systems environments, promotes volunteerism and community awareness by establishing partnerships within the business community. Membership mainly consists of management information systems and computer science majors.

Beta Gamma Sigma is the honor society serving business programs accredited by The Association to Advance Collegiate Schools of Business (AACSB) International. Membership in Beta Gamma Sigma is the highest recognition a business student anywhere in the world can receive in a business program accredited by AACSB International. The mission of Beta Gamma Sigma is to encourage and honor academic achievement in the study of business along with personal and professional excellence in the practice of business.

Accounting Organizations

Beta Alpha Psi is a national scholastic and professional accounting fraternity. The Delta Xi Chapter was established at Texas Southern University in 1975 for the purpose of encouraging and recognizing scholastic and professional excellence in the field of accounting. To achieve this purpose or objective, Beta Alpha Psi fosters the following: the promotion of the study and practice of accounting; the provision of opportunities for self-development and association among members and practicing accountants; and the encouragement of a sense of ethical, social, and public responsibilities. The minimum scholastic requirement for juniors and seniors to be members is a cumulative GPA of 3.00 in accounting courses. Also, students must have completed Accounting 231, 232, and 331 for admission.

The National Association of Black Accountants (NABA) is a national organization of accounting students. Its purpose is to promote professional development in accounting, encourage and help members of minority groups entering the accounting profession, and provide assistance in developing accounting education for members of minority groups. The student chapter at Texas Southern University was organized in 1975, and membership is open to all students majoring in accounting or those who have expressed a desire to enter the accounting profession.

Entrepreneurship Organization

Entrepreneurship Club has the following purpose and mission to allow students with an entrepreneurial spirit to have a place to learn about entrepreneurship in a more personal and applied manner and to give

student entrepreneurs the necessary and appropriate tools for starting and running a successful business of their own.

Finance Organization

The **Urban Financial Services Coalition** plans and executes activities designed to reinforce the theoretical base provided in the classroom with knowledge and insights gained through real-world exposure in the field of finance. This organization further serves as a forum for social and other extra-curricular activities designed to enrich the academic experience of finance majors.

Marketing Organization

The **American Marketing Association (AMA)** is a national organization that serves to instill a desire in students to develop excellence in marketing and to provide them access to the professional enrichment activities provided by the national organization.

Right to Modify

The information contained in this bulletin is considered to be descriptive in nature and not contractual. The University reserves the right to change any policy or requirement at any time during the time that a student is enrolled. Courses are also subject to change.

Description of Departments in the School

The three departments housed in the Jesse H. Jones School of Business are described in detail on the pages that follow. They are described in the following order: Department of Accounting, Department of Finance and Economics, and Department of Business Administration.

Department of Accounting and Finance

Undergraduate Degree(s):

- Bachelor of Business Administration in Accounting (p. 63)
- Bachelor of Business Administration in Finance (p. 64)

Minor(s):

- Accounting for Non-business Major Requirements (p. 63)

The Department of Accounting and Finance offers courses in Accounting (ACCT), Finance (FIN), Business Law, and Insurance (INS) at both the undergraduate and graduate levels. The Department offers the Bachelor of Business Administration (B.B.A.) degree in Accounting and the Bachelor of Business Administration (B.B.A.) degree in Finance. A minor in Accounting and a minor in Finance are offered through the Department. Members of the Department are located on the third floor of the Jesse H. Jones School of Business building in Suite 356.

The Department seeks to fulfill a primary mission of delivering quality instruction that provides students with:

- A general education foundation,
- A comprehensive understanding of general business concepts and principles,
- The requisite conceptual and technical knowledge of accounting and finance, and
- The basis for multi-dimensional roles required of professional accountants and financial managers.

Requirements for the B.B.A. degree in Accounting and the B.B.A. degree in Finance are summarized in this section, including exact course requirements (and their sequencing) and credits needed for graduation. In pursuing a degree in Accounting or in Finance, a total of 120 semester credit hours are required. Students are not required to declare a minor in another academic discipline. Students seeking either a major or a minor in Accounting or in Finance must first gain admission to the Department of Accounting and Finance through the procedures outlined below.

Students wishing to pursue a major or minor in Accounting or a major or minor in Finance must petition for admission to the Department of Accounting and Finance. The appropriate forms are available in the Office of Business Student Services in the Jesse H. Jones School of Business building in Suite 117. Students must also meet prerequisite(s) for courses required as described in the course descriptions sections. Transfer students must meet all admission requirements of the University, be in good standing at former institution(s) of attendance, and have met TSI requirements or equivalents to be considered for admission to the Department. Grades below "C" will not be accepted for transfer credit. Students applying for admission, who are not transfer students, are also responsible for verifying their TSI or equivalent status with the University's TSI Testing Coordinator. Transcripts of all college work must be forwarded to or presented to the Office of Business Student Services. Once admitted to the Department of Accounting and Finance, students are required to seek advisement through the Office of Business Student Services and to keep that office apprised of changes in address and telephone number.

For students majoring in other academic disciplines who wish to pursue a minor in Accounting or a minor in Finance, twenty-one (21) semester credit hours are required. See degree program schedule of courses in the Accounting and Finance areas. Students are cautioned that grades of "C-" are not accepted for the twenty-one (21) semester credit hours referenced.

Graduation requirements include the following:

1. grades of "C" or better in all major courses (grades of "C-" are not accepted);
2. no more than two grades below "C" in Business Core courses;
3. an overall GPA of 2.00 or better; and
4. an overall GPA of 2.50 or better in the major courses.

The Texas Legislature has passed a bill regarding the requirements to sit for the Certified Public Accountant (CPA) examination. In its present format, Texas candidates for the CPA examination must meet the 150-semester credit hour requirement before applying to sit for the CPA examination. To help meet this requirement, the Department is offering an accounting concentration in the MBA program that will enable students to meet the education requirements for CPA licensure as well as provide an opportunity to earn a Master of Business Administration (MBA) degree. The requirements and course offerings for the MBA program is described in the Graduate School Bulletin of Texas Southern University.

Students should read all general policies and information related to the Jesse H. Jones School of Business prior to acceptance into this instructional unit as a major or degree seeker.

In summary, interested students must do the following:

1. gain admission to the University;
2. fulfill prerequisite requirements for a major or minor in Accounting or Finance as specified in this section;

3. satisfy TSI or equivalent status with the University's TSI Testing Coordinator; and
4. apply for admission to the Department as either a major or minor.

Once admission has been obtained, students must seek advisement from the Office of Business Student Services before attempting to complete degree requirements. Questions may be directed to the Departmental Office at (713) 313-7590 or (713) 313-7505.

- Accounting Minor for Non-business Major Requirements (p. 63)
- Accounting, Bachelor of Business Administration (p. 63)
- Finance, Bachelor of Business Administration (p. 64)

Accounting

ACCT 231 Principles Of Accounting I (3 Credits)

Principles of Accounting I (3) Fundamental concepts of double-entry theory, recording procedures, worksheet techniques, and financial statement preparation. Accounting for cash, receivables, inventories, plant assets, and liabilities. Three hours of lecture per week. Prerequisites: MATH 133 and MATH 135 and MATH 138. Listed as ACCT 2301 in the Texas Common Course Numbering System.

Prerequisite(s): (MATH 133 or MATH 135) and MATH 138

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 232 Principles of Accounting II (3 Credits)

Principles of Accounting II (3) Emphasis on the preparation of reports and the use of accounting data for internal management. Three hours of lecture per week. Prerequisite: ACCT 231. Listed as ACCT 2302 in the Texas Common Course Numbering System.

Prerequisite(s): (ACCT 231)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 300 Accounting Information Systems (3 Credits)

Accounting Information Systems (3) Inquiry into the fundamental principles and concepts underlying accounting information systems. Three hours of lecture per week. Prerequisites: ACCT 231 and ACCT 232.

Prerequisite(s): (ACCT 231 and ACCT 232)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 331 Intermediate Accounting I (3 Credits)

Intermediate Accounting I (3) Techniques in adjusting, correcting, and revising accounting records and statements. Conventional standards and acceptable alternatives in accounting for cash, receivables, liabilities, inventories, and plant assets. Three hours of lecture per week. Prerequisite: GPA of 2.50 or better in ACCT 231.

Prerequisite(s): ACCT 231

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 332 Intermediate Accounting II (3 Credits)

Intermediate Accounting II (3) Accounting procedures for plant assets and intangible assets, requirements peculiar to corporate accounting, analysis and interpretation of accounting data, and current trends in the application of basic concepts. Three hours of lecture per week. Prerequisite: ACCT 331.

Prerequisite(s): (ACCT 331)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 333 Intermediate Accounting III (3 Credits)

Intermediate Accounting III (3) Current accounting problems, including international accounting with special emphasis on published pronouncements or professional accounting organizations. Exploration of contemporary controversial topics included with written research paper required. Three hours of lecture per week. Prerequisite: ACCT 331.

Prerequisite(s): (ACCT 331)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 334 Fed Income Tax Acctg I (3 Credits)

Federal Income Tax Accounting (3) Interpretation of the Internal Revenue Code and related regulations and instructions. Concepts of income tax determination and reporting requirements for individuals, partnerships, and corporations; payroll tax requirements and reporting procedures. Three hours of lecture per week. Prerequisite: GPA of 2.50 or better in ACCT 231 and ACCT 232.

Prerequisite(s): (ACCT 231 and ACCT 232)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 335 Tax Practicum (3 Credits)

Income Tax Practicum (3) Preparation of federal income tax returns for individuals as part of the Voluntary Income Tax Assistance program. Students provide tax compliance services and prepare tax returns primarily for individuals who cannot afford professional tax services. Prerequisites: ACCT 334 with grade of C or better and approval by the Accounting Coordinator.

Prerequisite(s): ACCT 334

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 336 Cost Accounting (3 Credits)

Cost Accounting (3) Provision of a basis for using Accounting as a management tool through the development of knowledge of accounting techniques for planning, controlling, and product costing. Three hours of lecture per week. Prerequisite: ACCT 232.

Prerequisite(s): (ACCT 231 and ACCT 232)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 339 Business Law (3 Credits)

Business Law (3) Study of the basic legal concepts and principles pertaining to fundamental business transactions and of the Uniform Commercial Code. Three hours of lecture per week. Prerequisite: BADM 234.

Prerequisite(s): (BADM 234)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 400 Intro to Energy Accounting (3 Credits)

Introduction to Energy Accounting (3) Financial reporting and tax practices of the energy industry. Accounting for cost activities relating to, acquisition of mineral interest in properties, exploration, development and production of oil and gas. Designed to enhance knowledge and skill level of accounting students in order to improve their accounting skills and marketability in the global energy market. Prerequisite: ACCT 331.

Prerequisite(s): (ACCT 331)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 430 Ethics for Accountants (3 Credits)

Ethics for Accountants (3) Philosophical understanding of ethical complexities of the modern business enterprise and a fundamental base of ethical knowledge necessary for a career in Accounting and Finance.

Prerequisite: Senior standing.

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 431 Advanced Accounting (3 Credits)

Advanced Accounting (3) Purchase and pooling-of-interest methods of accounting and special topics, including partnership formation and liquidation, government accounting, and international accounting. Three hours of lecture per week. Prerequisite: ACCT 332.

Prerequisite(s): (ACCT 331 and ACCT 332)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 433 Auditing (3 Credits)

Auditing (3) Study of auditing principles, techniques, and procedures; professional ethics and legal responsibility; the audit program, field work, and the audit report. Three hours of lecture per week. Prerequisite: ACCT 332.

Prerequisite(s): (ACCT 331 and ACCT 332 and ACCT 300)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 436 Fed Income Tax Acctg II (3 Credits)

Federal Income Tax Accounting II (3) Continuation of ACCT 334 with emphasis on research in taxation; accounting methods; payment of taxes; guides for partnerships, estates, trusts, and corporations; preparation and filing of required returns. Three hours of lecture per week. Prerequisite: ACCT 334.

Prerequisite(s): (ACCT 334)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 438 Govt Not -For-Profit (3 Credits)

Governmental and Not-For-Profit Accounting (3) An introduction to budgeting, accounting, and financial reporting of governmental entities as well as private and public not-for-profit organizations. Prerequisite: ACCT 331 with a grade of C or better.

Prerequisite(s): (ACCT 331)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 445 Contemp Topics in Accounting (3 Credits)

Contemporary Topics in Accounting (3) Applied study and research on emerging issues in the field of Accounting and Information Systems. Three hours of lecture per week.

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 446 Accounting Internship (3 Credits)

Business Internship (3) Faculty supervised work experience where written reports are required. Students may be allowed to receive up to 9 hours of credit for this course with the approval of the Faculty Chair. Prerequisites: Junior or senior standing and consent of the instructor.

College/School: JHJ School Of Business

Department: Department of Accounting

Finance

FIN 300 Personal Financial Planning (3 Credits)

Personal Finance (3) Various aspects of personal and family finances including financial goal setting, budgeting, use of credit, investments, insurance, estate planning, retirement planning, taxation and housing. Prerequisites: ACCT 231 and ACCT 232.

Prerequisite(s): (ACCT 231 and ACCT 232)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 301 Basic Financial Management (3 Credits)

Basic Financial Management (3) Introduction to financial markets, mathematics of finance, capital budgeting, valuation, and international finance. Three hours of lecture per week. Prerequisites: ACCT 231, ACCT 232, and ECON 231.

Prerequisite(s): (ACCT 231 and ACCT 232 and ECON 231)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 302 Management & Financial Insts (3 Credits)

Management of Financial Institutions (3) Asset and liability management in the context of risk, liquidity, and profitability in the Financial Services Industry. Three hours of lecture per week. Prerequisite: FIN 301.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 303 Treasury Management (3 Credits)

Treasury Management (3) Issues and current developments in cash and treasury management as a part of the CTM (Corporate Treasury Management) Program. The successful completion of this course with a grade of B+ or higher will satisfy the eligibility criteria for students to sit for the CTP (Certified Treasury Professional) exam offered by the Association for Finance Professionals (AFP). Prerequisite: FIN 301.

Prerequisite(s): FIN 301

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 304 Finance Boot Camp (3 Credits)

This course is designed for students to develop an understanding of investment banking and the role played by financial analysts in the valuation of corporations.

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 312 Investments (3 Credits)

Investments (3) Types of investments; securities exchanges; market indexes; quotations; practices, procedures, and evaluations relating to stocks, bonds, and mutual fund tradings; the international financial environment. Three hours of lecture per week. Prerequisite: FIN 301.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 338 International Finance (3 Credits)

International Finance (3) Introduction to the international financial environment and international financial tools and techniques, including the foreign exchange markets, exchange rates, financing international operations, and foreign investments. Three hours of lecture per week. Prerequisite: FIN 301.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 403 Corporate Financial Mgmt (3 Credits)

Corporate Financial Management (3) In-depth study of capital budgeting, financing, dividends, and related issues in the context of risk, return, and creation of value. Three hours of lecture per week. Prerequisite: FIN 301.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 405 Real World Financial Training (3 Credits)

This course provides training and financial statement analysis, corporate finance, excel, financial modeling, valuation modeling and mergers and acquisition modeling.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 411 Advanced Topics in Investments (3 Credits)

Advanced Topics in Investments (3) Methods of investment analysis and selection; analysis of options, futures, and convertible securities; term structure of interest rate with portfolio theory and management. Three hours of lecture per week. Prerequisites: FIN 301 and FIN 312.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 412 Finance: Cases & Readings (3 Credits)

Finance: Cases and Readings (3) Application of the theories and concepts of financial issues within the framework of small business and entrepreneurship. Topics include financial analysis and forecasting, valuations, investment and growth strategies. Prerequisite: FIN 301.

Finance: Cases and Readings (3) Analysis of case problems in finance utilizing the tools and techniques developed in prior courses. Also includes readings on current financial events. Three hours of lecture per week. Prerequisites: FIN 301, FIN 312, and FIN 403. Finance: Cases and Readings (3) Fundamentals of risk management and insurance including the nature of potential loss exposures and alternative methods of managing them. Prerequisite: FIN 301. Finance: Cases and Readings (3) Knowledge of basic real estate theory and practice. Emphasis is placed on applying this knowledge to different areas of modern day real estate business and to issues in real estate practice. Prerequisite: FIN 301.

Prerequisite(s): (FIN 301 and FIN 312 and FIN 403)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 413 Risk Mgmt Ins (3 Credits)

Fundamentals of risk management and insurance including the nature of potential loss exposures and alternative methods of managing them. Three hours of lecture per week. Prerequisite: FIN 301.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 414 Real Estate Finance (3 Credits)

Knowledge of basic real estate theory and practice. Emphasis is placed on applying this knowledge to different areas of modern day real estate business and to issues in real estate practice. Three hours of lecture per week. Prerequisite: FIN 301.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 415 Sm Bus Entr Fin (3 Credits)

Application of the theories and concepts of financial issues within the framework of small business and entrepreneurship. Topics include financial analysis and forecasting, valuations, investment and growth strategies. Three hours of lecture per week. Prerequisite: FIN 301.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 416 Fin Internship (3 Credits)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 417 Global Energy Markets (3 Credits)

This course provides a review of natural gas, oil and petroleum products, coal, liquefied natural gas and electricity including energy forecasting and supply and cost curves.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 418 Derivatives For Energy Markets (3 Credits)

The course provides comprehensive coverage of a wide range of financial derivative products, including natural gas, foreign exchange and interest rate markets.

Prerequisite(s): (FIN 301)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

Business Law and Insurance

INS 300 Gen Insurance (3 Credits)

General Insurance (3) Nature and function of the insurance mechanism and a survey of the principal characteristics of the several branches into which the insurance industry is divided. Three hours of lecture per week. Prerequisite: 60 semester credits completed.

Prerequisite(s): (ECON 231 and ECON 232)

College/School: JHJ School Of Business

Department: Department of Accounting

INS 301 Funds Of Life Ins (3 Credits)

Fundamentals of Life Insurance (3) Functions and mechanics of life insurance; the life insurance contract; the rights of the insured, beneficiaries, and creditors. Some emphasis placed on interpreting mortality tables. Three hours of lecture per week. Prerequisite: 60 semester credits completed.

Prerequisite(s): (INS 300)

College/School: JHJ School Of Business

Department: Department of Accounting

INS 400 Prop Ins Contracts (3 Credits)

Property Insurance Contracts (3) Provisions of property and casualty insurance contracts. Considerable attention paid to commercial policy forms. Some emphasis placed on insurance company operations. Three hours of lecture per week. Prerequisite: 60 semester credits completed.

Prerequisite(s): (INS 300)

College/School: JHJ School Of Business

Department: Department of Accounting

INS 401 Employee Ben & Ret Plan (3 Credits)

Employee Benefits and Retirement Plans (3) Exposure to major components of most benefit plans; health coverage, retirement, and disability plans. Features of group insurance covered in detail. Three hours of lecture per week. Prerequisite: 60 semester credits completed.

Prerequisite(s): (INS 300)

College/School: JHJ School Of Business

Department: Department of Accounting

INS 402 Ins Operations & Regulations (3 Credits)

Insurance Operations & Regulations (3) Fundamentals of insurance operations and regulations. Topics include underwriting, ratemaking, claim adjusting, and reinsurance. Some emphasis is placed on insurance financial statements and strategies. Prerequisite: 60 semester credits completed.

College/School: JHJ School Of Business

Department: Department of Accounting

Accounting Minor for Non-business Major Requirements

Code	Title	Hours
ACCT 231	Principles Of Accounting I	3
ACCT 232	Principles of Accounting II	3
ACCT 331	Intermediate Accounting I	3
BADM 234	Legal & Regulatory Envir of Bu	3
MGMT 300	Principles of Management	3
Accounting Electives ¹		6
Total Hours		21

¹ 300- or 400-level accounting course

Accounting, Bachelor of Business Administration

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 63)		42
Major Requirements (p. 63)		57
Other Requirements (p. 64)		21
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		

CHEM 131	Chemistry I	3
or BIOL 143	Survey of Life Science	
Select one of the following:		3
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	

Language, Philosophy, and Culture

ENG 230	World Literature I	3
ENG 231	World Literature II	3
ENG 235	American Literature	3
ENG 244	African-American Literature	3

Creative Arts

Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	

American History

HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3

Government/Political Science

POLS 235	American Government	3
POLS 236	Texas Government	3

Social and Behavioral Sciences

ECON 231	Principles Of Economics I	3
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Institutional Options

MIS 204	Fundamentals of Info Systems	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	

Total Hours 51

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (Accounting)

Code	Title	Hours
School Core Requirements		
ACCT 231	Principles Of Accounting I	3
ACCT 232	Principles of Accounting II	3
BADM 101	Intro to Bus, Gov & Society	3
BADM 230	Advanced Communication Skills	3
BADM 234	Legal & Regulatory Envir of Bu	3
FIN 301	Basic Financial Management	3
MGMT 300	Principles of Management	3
MKTG 306	Principles of Marketing	3
MGSC 302	Operations Management I	3

BADM 450	Organl Policy & Strategy	3
Major Requirements		
ACCT 300	Accounting Information Systems	3
ACCT 331	Intermediate Accounting I	3
ACCT 332	Intermediate Accounting II	3
ACCT 334	Fed Income Tax Acctg I	3
ACCT 336	Cost Accounting	3
ACCT 433	Auditing	3
ACCT Electives ¹		9
Total Hours		57

¹ ACCT Electives must be 300-or 400-level accounting courses.

Other Requirements

Code	Title	Hours
ECON 232	Principles Of Economics II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
MGSC 239	Business Statistics I	3
FS 102	Freshman Seminar/ first Year Experience	1
General Electives ¹		11
Total Hours		21

¹ General Elective can be any business or non-business course.

Course	Title	Hours
First Year		
First Semester		
FS 102	Freshman Seminar/ first Year Experience	1
BADM 101	Intro to Bus, Gov & Society	3
ENG 131	Freshman English I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Creative Arts		
MUSI 239 or THEA 130	Fine Arts In Daily Living or Introduction to Theatre	3
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
MIS 204	Fundamentals of Info Systems	3
BADM 230	Advanced Communication Skills	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
Hours		15
Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ACCT 231	Principles Of Accounting I	3
BADM 234	Legal & Regulatory Envir of Bu	3

Life and Physical Sciences		
GEOL 141	Introduction To The Earth	3
Hours		15
Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ACCT 232	Principles of Accounting II	3
Langauge, Philosophy, and Culture		
ENG 2XX		3
ECON 231	Principles Of Economics I	3
Hours		15

Third Year

Fifth Semester		
ECON 232	Principles Of Economics II	3
MKTG 306	Principles of Marketing	3
MGSC 239	Business Statistics I	3
FIN 301	Basic Financial Management	3
ACCT 331	Intermediate Accounting I	3
Hours		15

Sixth Semester

ACCT 300	Accounting Information Systems	3
ACCT 332	Intermediate Accounting II	3
ACCT 334	Fed Income Tax Acctg I	3
MGSC 302	Operations Management I	3
General Elective		3
Hours		15

Fourth Year

Seventh Semester		
ACCT 336	Cost Accounting	3
ACCT 433	Auditing	3
ACCT Elective		3
MGMT 300	Principles of Management	3
General Elective		3
Hours		15

Eighth Semester

ACCT Elective		3
ACCT Elective		3
BADM 450	Organl Policy & Strategy	3
General Elective		3
General Elective		2
Hours		14
Total Hours		120

Finance, Bachelor of Business Administration

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 65)	42
	Major Requirements (p. 65)	57
	Other Requirements (p. 65)	21
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Select one of the following:		3
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
MIS 204	Fundamentals of Info Systems	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ Restricted Electives must be 300- or 400-level finance or accounting courses.

⁴ General Elective can be any business or non-business course.

Major Finance

Code	Title	Hours
School Core Requirements		
ACCT 231	Principles Of Accounting I	3
ACCT 232	Principles of Accounting II	3
BADM 101	Intro to Bus, Gov & Society	3
BADM 230	Advanced Communication Skills	3
BADM 234	Legal & Regulatory Envir of Bu	3
FIN 301	Basic Financial Management	3
MGMT 300	Principles of Management	3
MKTG 306	Principles of Marketing	3
MGSC 302	Operations Management I	3
BADM 450	Organl Policy & Strategy	3
Major Requirements		
FIN 302	Management & Financial Insts	3
FIN 312	Investments	3
FIN 338	International Finance	3
FIN 403	Corporate Financial Mgmt	3
MIS 304	Information Technology	3
300 or 400-level ACCT		3
Restricted Electives ¹		9
Total Hours		57

¹ General Elective can be any business or non-business course.

Other Requirements

Code	Title	Hours
ECON 232	Principles Of Economics II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
MGSC 239	Business Statistics I	3
FS 102	Freshman Seminar/ first Year Experience	1
General Electives		11
Course Title Hours		
First Year		
First Semester		
FS 102	Freshman Seminar/ first Year Experience	1
BADM 101	Intro to Bus, Gov & Society	3
ENG 131	Freshman English I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
	or THEA 130 or Introduction to Theatre	
Hours		16

Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Business and Economics Analysis II	3
MIS 204	Fundamentals of Info Systems	3
BADM 230	Advanced Communication Skills	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
Hours		15

Second Year

Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ACCT 231	Principles Of Accounting I	3
BADM 234	Legal & Regulatory Envir of Bu	3
Life and Physical Sciences		
GEOL 141	Introduction To The Earth	3
Hours		15

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ACCT 232	Principles of Accounting II	3
Language, Philosophy, and Culture		
ECON 231	Principles Of Economics I	3
Hours		15

Third Year

Fifth Semester		
ECON 232	Principles Of Economics II	3
MKTG 306	Principles of Marketing	3
MGSC 239	Business Statistics I	3
FIN 301	Basic Financial Management	3
MIS 304	Information Technology	3
Hours		15

Sixth Semester

FIN 312	Investments	3
FIN Elective		3
300- or 400- level ACCT		3
MGSC 302	Operations Management I	3
General Elective		3
Hours		15

Fourth Year

Seventh Semester		
FIN 302	Management & Financial Insts	3
FIN 338	International Finance	3
FIN Elective		3
MGMT 300	Principles of Management	3
General Elective		3
Hours		15

Eighth Semester

FIN 403	Corporate Financial Mgmt	3
FIN Elective		3
BADM 450	Organl Policy & Strategy	3

General Elective	3
General Elective	2
Hours	14
Total Hours	120

Department of Business Administration

Undergraduate Degree(s):

- Bachelor of Business Administration in Management Information Systems, (p. 71)
- Bachelor of Business Administration in Management with Human Resource Management Concentration (p. 72)
- Bachelor of Business Administration in Management (p. 74)
- Bachelor of Business Administration in Marketing (p. 76)

Graduate Degree(s):

- Executive Master of Business Administration (EMBA) (p. 548)
- Executive Master of Business Administration (Energy Finance Concentration), EMBA (p. 549)
- Master of Science in Management Information Systems (p. 550)
- Master of Business Administration (Accounting Concentration), MBA (p. 552)
- Master of Business Administration (Health Care Administration Concentration), MBA (p. 554)
- Master of Business Administration (Management Information Systems Concentration), MBA (p. 555)
- Master of Business Administration (MBA) (p. 557)
- Master of Business Administration/Juris Doctor Dual Degree (JD/MBA) (p. 558)

The Department of Business Administration offers courses in Business Administration (BADM) and the following functional business disciplines: Management (MGMT), Management Information Systems (MIS), Management Science (MGSC), and Marketing (MKTG) at both the undergraduate and graduate levels.

Two minors are offered in Business Administration and Entrepreneurship at the undergraduate level. Also, one concentration is offered in Human Resource Management in the Management major. Members of the Department are located on the third floor of the Jesse H. Jones School of Business building in Suites 315 and 340.

Students interested in the graduate degree programs should refer to the Graduate School Bulletin of Texas Southern University for details.

The mission of the Department of Business Administration is to prepare students for positions of leadership, trust, and responsibility in business, government, entrepreneurial, and community service organizations. The Department offers the foundation business courses (except Accounting, Business Law, and Finance) and provides the curriculum of study for Management, Management Information Systems, and Marketing majors.

Requirements for the Bachelor of Business Administration (B.B.A.) degree in Management, the Bachelor of Business Administration (B.B.A.) degree in Management Information Systems, and the Bachelor of Business Administration (B.B.A.) degree in Marketing are summarized in this section, including course requirements (and their sequencing) and

credits needed for graduation. In pursuing a degree in Management, Management Information Systems or Marketing, a total of 120 semester credit hours are required. **Students are not required to declare a minor in another academic discipline.** Students seeking a major in Management, Management Information Systems, or Marketing or a minor in Business Administration or Entrepreneurship must first gain admission to the Department of Business Administration through the procedures outlined below.

Students wishing to pursue a major in Management, Management Information Systems, or Marketing or a minor in Business Administration or Entrepreneurship should indicate their preference on the application for admission to the University. Students who seek to change their major to Management, Management Information Systems, or Marketing must petition for admission to the Department of Business Administration. The appropriate forms are available in the Office of Business Student Services in the Jesse H. Jones School of Business building in Suite 117. Students must also meet prerequisite(s) for courses required as described in the course descriptions section. Transfer students must meet all admission requirements of the University, be in good standing at former institution(s) of attendance, and have met TSI and or equivalent requirements to be considered for admission to the Department. Grades below "C" in business courses will not be accepted for transfer credit. Students applying for admission, who are not transfer students, are also responsible for verifying their TSI or equivalent status with the University's TSI Testing Coordinator. Transcripts of all college work must be forwarded to or presented to the Office of Admissions where they will be routed to Business Student Services. Once admitted to the Department of Business Administration, students are required to seek advisement through the Office of Business Student Services and to keep that office apprised of changes in address and telephone number.

For students majoring in other academic disciplines who wish to pursue a minor in Business Administration or Entrepreneurship, twenty-one (21) semester credit hours are required. See degree program schedule of courses in this section of the catalog. **Students are cautioned that grades of "C-" are not accepted for the twenty-one (21) semester credit hours referenced.**

Graduation requirements include the following:

1. grades of "C" or better in the major courses (grades of "C-" are not accepted);
2. no more than two grades below "C-" in Business Core courses;
3. an overall GPA of 2.00 or better; and
4. an overall GPA of 2.50 or better in the major courses.

Students should read all general policies and information related to the Jesse H. Jones School of Business prior to acceptance into this instructional unit as a major or degree seeker.

In summary, interested students must do the following:

1. **gain admission to the University;**
2. **fulfill prerequisite requirements for a major in Management, Management Information Systems or Marketing, or a minor in Business Administration or Entrepreneurship;**
3. **satisfy TSI requirements or equivalent with the University's TSI Testing Coordinator; and**
4. **apply for admission to the Department as either a major or minor.**

Once admission has been obtained, students must seek advisement from the Office of Business Student Services before attempting to complete

degree requirements. Questions may be directed to the Department Office at (713) 313-7309 or (713) 313-7590.

Student Organizations

Marketing Club

The elite chapter of the American Marketing Association located on the campus of Texas Southern University is dedicated to promoting the awareness of marketing and its importance to the success of any business entity. We work toward developing the qualities of leadership and professionalism that drive academic excellence.

Goals:

1. Teach: We teach the importance of networking with our professional chapters to gain knowledge and reach them.
2. Success: Which is defined as our ability to attain goals we set each year, as well as, exceeding the initial goals.
3. This can only be achieved if we come together as ONE.
4. Unity: Unification will ensure that we deliver outstanding performance each year, and it will encourage our members to continue towards the success of our organization.

Computer and Information Technology Student Organization

Purpose:

1. To be the governing body of the members primarily in the Management Information Systems and Computer Science departments at the Jesse H. Jones School of Business and The College of Science and Technology.
2. To provide a channel of communication between the students and professional leadership in technology focused positions.
3. To promote volunteerism and community awareness by establishing partnerships within the business community.
4. To coordinate and organize the annual Computer and Information Technology Week.

The Entrepreneurship Club

1. Our Purpose: To allow students with an entrepreneurial spirit to have a place to learn about entrepreneurship in a more personal and applied manner.
2. Our Mission: To give student entrepreneurs the necessary and appropriate tools for starting and running a successful business of their own.

- Management Information Systems, Bachelor of Business Administration (p. 71)
- Management with Human Resource Management Concentration, Bachelor of Business Administration (p. 72)
- Management, Bachelor of Business Administration (p. 74)
- Marketing, Bachelor of Business Administration (p. 76)

Business Administration Courses

BADM 101 Intro to Bus, Gov & Society (3 Credits)

Introduction to Business and Entrepreneurship (1) Overview of the nature of business and its environment with focus on social responsibility, environmental/ ecological issues, and ethics. Three hours of lecture per week.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

BADM 230 Advanced Communication Skills (3 Credits)

Advanced Communication Skills (3) Development of written communication, oral communication, and presentation skills in the context of critical issues for business. Three hours of lecture per week. Prerequisites: ENG 131, ENG 132, and SC 135.

Prerequisite(s): (ENG 131 and ENG 132 and SC 135) or SC 136

College/School: JHJ School Of Business

Department: Dept of Business Admin.

BADM 234 Legal & Regulatory Envir of Bu (3 Credits)

Legal and Regulatory Environment of Business (3) Legal systems of government, business, and society, including coverage of ethics, contracts, business organizations, creditor/ debtor relationships, international law, environmental issues, and business regulation. Three hours of lecture per week.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

BADM 450 Organl Policy & Strategy (3 Credits)

Organizational Policy and Strategy (3) Integrative, problem-solving course on domestic and international top management problems, strategy, policy formulation, and execution. Three hours of lecture per week. Prerequisites: Senior standing and completion of all 300-level Business Core courses.

Prerequisite(s): FIN 301 and MGMT 300 and MKTG 306 and MGSC 302

College/School: JHJ School Of Business

Department: Dept of Business Admin.

BADM 466 Business Internship (3 Credits)

Business Internship (3) Faculty supervised work experience where written reports are required. Prerequisites: Junior or senior standing and consent of the instructor.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Entrepreneurship Courses

ENTP 330 NEW VENTURE MARKETING (3 Credits)

New Venture Marketing (3) A study of the fundamentals of marketing research, planning, and strategy as applied to new ventures. Major emphasis on developing market planning and research skills. Prerequisite: ENTR 300.

Prerequisite(s): (ENTP 300)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

ENTP 335 FINANCIAL FOUND/NEW VENT (3 Credits)

Financial Foundations for New Ventures (3) Foundational accounting and financial analysis for new ventures. Major emphasis on the production, integration, and interpretation of financial information for use in business planning and capital budgeting. Prerequisites: ACCT 231 and ENTR 300.

Prerequisite(s): (ACCT 231 and ENTP 300)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

ENTP 420 SEMINAR IN ENTREPRENEURSHIP (3 Credits)

Seminar in Entrepreneurship (3) Capstone course in the entrepreneurship concentration. Major emphasis on entrepreneurial skill integration, case analysis, and the development and presentation of an advanced-level business plan. Prerequisites: ENTR 300, ENTR 330, and ENTR 335.

Prerequisite(s): (ENTP 300 and ENTP 330 and ENTP 335)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Management Courses

MGMT 300 Principles of Management (3 Credits)

Principles of Management (3) Study of the processes of planning, organizing, directing, and controlling in the context of demographic diversity, globalization, and ethical decision making. Three hours of lecture per week. Prerequisite: 60 semester credit hours completed.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 301 Foundations of Human Res Mgmt (3 Credits)

Personnel and Manpower Development (3) Policies, procedures, and strategies for human resource management. Topics include recruitment, selection and utilization, employee appraisal, compensation systems, and career planning. Three hours of lecture per week. Prerequisite: MGMT 300.

Prerequisite(s): (MGMT 300)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 330 Organizational Behavior (3 Credits)

Organizational Behavior (3) Applications for managing people in modern organizations. Topics include decision-making, motivation, leadership, power, conflict, stress, understanding individual differences, and diversity. Prerequisite: 60 semester credit hours completed.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 350 Critical Think & Prb Solv Skil (3 Credits)

Critical Thinking and Problem-Solving Skills (3) Critical thinking skills and the decision-making process with an emphasis on understanding and improving how we make effective and creative decisions. Three hours of lecture per week. Prerequisite: MGMT 330 or consent of the instructor.

Prerequisite(s): (MGMT 330)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 395 Team Building & Org Change (3 Credits)

Teambuilding and Organizational Change (3) Effective group dynamics and understanding behavior in groups with attention to planning and managing change; individual, group, and system interventions; transformation; and re-engineering processes. Three hours of lecture per week. Prerequisite: MGMT 330.

Prerequisite(s): (MGMT 330)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 400 Small Business Mgmt (3 Credits)

Small Business Management (3) Organizational and administrative problems of the small business manager with emphasis on the inner-city business person and urban development. Three hours of lecture per week. Prerequisite: MGMT 300 or consent of the instructor.

Prerequisite(s): (MGMT 300)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 401 Leadership & Motivation (3 Credits)

Leadership and Motivation (3) Development of management skills, self-assessment for organizational settings, and the nature of leadership and motivation in theory and practice. Three hours of lecture per week. Prerequisite: MGMT 330.

Prerequisite(s): (MGMT 330)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 402 International Management (3 Credits)

International Management (3) Management processes as they apply within different cultural environments with emphasis on contrasts among values, beliefs, perceptions, attitudes, and behavior, including consideration of their effects upon business. Three hours of lecture per week. Prerequisite: MGMT 300 or consent of the instructor.

Prerequisite(s): (MGMT 300)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 405 Business Gov & Society (3 Credits)

Business, Government, and Society (3) Historical and contemporary views of business as a social institution with a focus on social responsibility, environmental/ecological issues, and ethics. Three hours of lecture per week. Prerequisite: 60 semester credit hours completed.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 407 The Legal Environment of HRM (3 Credits)

The Legal Environment of Human Resource Management (3) Employment laws relevant to human resources professionals, as well as how to apply the laws in various circumstances. Three hours of lecture per week.

Prerequisite: MGMT 300.

Prerequisite(s): (MGMT 300)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 408 Managing the Global Workforce (3 Credits)

Managing the Global Workforce (3) Managing human resources in global settings and distinguishing international HR practices from domestic HR practices. Three hours of lecture per week. Prerequisite: MGMT 300.

Prerequisite(s): (MGMT 300)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 409 Human Resource Information Sys (3 Credits)

Human Resources Information Systems (3) Human resources internet based and software applications. Students also learn contexts in which to apply the software and the importance of securing information. Three hours of lecture per week. Prerequisites: MGMT 300 and MGSC 304.

Prerequisite(s): (MGMT 300 and MGSC 304)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Management Information System Courses

MIS 204 Fundamentals of Info Systems (3 Credits)

Fundamentals of Information Systems (3) The management and use of Information Technology in business today by diverse individuals, groups, and organizations. Three hours of lecture per week.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 304 Information Technology (3 Credits)

Information Technology (3) Development of software skills and an appreciation of the role of information technology in modern organizations. Three hours of lecture per week. Prerequisite: MIS 204 or CS 116 and 60 semester credit hours completed

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 310 Programming Concepts (3 Credits)

Provides students with basic concept of software programming. Topics include design of programs using the state of the art programming languages, object-oriented programming concepts, and problem-solving using software program. pre-requisite. MSGC 304.

Prerequisite(s): (MIS 204)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 320 Hardware and Network (3 Credits)

An introductory course in database technology. It provides students an understanding of developing data models and databases using Database Management Systems software. Pre-requisite. MIS 310.

Prerequisite(s): (MIS 204)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 340 Database Development & Design (3 Credits)

An Introductory course in database technology. It provides students an understanding of developing data models and databases using Database Management Systems software. MIS 310

Prerequisite(s): (MIS 204)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 350 Advanced Programming (3 Credits)

Students will apply programming concepts learned in the first programming course to a business problem. Prerequisites: MIS 310, Mis 340.

Prerequisite(s): MIS 310 and MIS 340

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 410 Systems Analysis & Design (3 Credits)

Provides students with an understanding of information system development methods using state of the art software development tools. Prerequisite MIS 340

Prerequisite(s): MIS 340

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 420 Web Development (3 Credits)

Students will be exposed to a web development tool to design and develop a website. The course will help students develop basic skills to provide web-based solutions to business problems related to e-commerce. Prerequisite MIS 310

Prerequisite(s): MIS 310

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 440 Supply Chain Management (3 Credits)

A course in Supply Chain Management. Prerequisites: MGSC 302, MIS 340.

Prerequisite(s): MGSC 302 and MIS 340

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 450 Information Tech Security (3 Credits)

A course that will expose students to information technology security concepts. pre-requisite: MIS 320.

Prerequisite(s): MIS 320

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 460 Enterprise Rsource Planning (3 Credits)

A course in Enterprise Resource Planning (ERP) that will provide students an understanding of integrating functional information systems in an organizational setting. Basic concepts of popular ERP software will also be introduced. Pre-requisite: MIS 410.

Prerequisite(s): MIS 410

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 470 MIS Capstone (3 Credits)

A capstone course that provides students with an overall understanding of information systems from different perspectives. Students will work on analyzing cases and developing an overall information systems solution using popular software. Prerequisite: MIS 410.

Prerequisite(s): MIS 410

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 480 Current Topics in MIS (3 Credits)

A course on current topics in the MIS area. Topic to be selected by the instructor. Prerequisite: MIS 340.

Prerequisite(s): MIS 340

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 490 Internship in MIS Area (3 Credits)

Students will perform the equivalent of one long semester internship in the information technology area in an IT department within an approved organization. Pre-requisite: Completion of at least 18 credit hours of course work in the MIS program.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Management Science Courses

MGSC 239 Business Statistics I (3 Credits)

Business Statistics I (3) Basic elements of classical statistical analysis, including descriptive statistics, probability theory, probability distributions, sampling, estimation, and testing in the analysis of business problems. Three hours of lecture per week. Prerequisites: MATH 133 and MATH 135 or higher (except MATH 231).

Prerequisite(s): (MATH 133 and MATH 135) or MATH 138

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 240 Math Decision Making (3 Credits)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 302 Operations Management I (3 Credits)

Operations Management I (3) Introduction to organizational and managerial problems in the area of operations. Topics include forecasting, inventory, scheduling, operations planning, and control. Three hours of lecture per week. Prerequisites: MGSC 239 and 60 semester credit hours completed.

Prerequisite(s): MGSC 239

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 303 Operations Management II (3 Credits)

Operations Management II (3) Design, operation, and control of the transformation process in both service and production settings. Topics include: quality assurance, aggregate planning, and queuing analysis. Three hours of lecture per week. Prerequisite: MGSC 302.

Prerequisite(s): MGSC 302

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 331 Business Statistics II (3 Credits)

Business Statistics II (3) Special topics in statistics, including regression, correlation, analysis of variance, time series, and non-parametric statistics as related to statistical decision theory applied to business problems. Three hours of lecture per week. Prerequisites: MGSC 239.

Prerequisite(s): MGSC 239

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Marketing Courses

MKTG 306 Principles of Marketing (3 Credits)

Principles of Marketing (3) Marketing functions and environmental factors related to satisfying consumer needs. Legal, behavioral, ethical, competitive, economic, and technological factors discussed as they affect marketing decisions. Three hours of lecture per week. Prerequisite: 60 semester credit hours completed.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MKTG 307 Marketing Channels & Inst (3 Credits)

Marketing Channels and Institutions (3) Institutional, functional, and social aspects of distribution channel design and management with emphasis on retail management. Three hours of lecture per week. Prerequisite: MKTG 306.

Prerequisite(s): MKTG 306

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MKTG 336 Marketing Communications (3 Credits)

Marketing Communications (3) Design and evaluation of marketing communications: communication theory, theories of persuasion and attitude change, promotion mix decisions, and advertiser-agency relationship. Three hours of lecture per week. Prerequisite: MKTG 306.

Prerequisite(s): MKTG 306

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MKTG 430 Mktg Decision Making:TH & PRA (3 Credits)

Marketing Decision Making: Theory and Practice (3) Role of information in marketing decision making with emphasis on the application of research concepts and methodologies to marketing problems. Three hours of lecture per week. Prerequisites: MGSC 239 and MKTG 306.

Prerequisite(s): MGSC 239 and MKTG 306

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MKTG 431 Entrepreneurial Marketing (3 Credits)

Entrepreneurial Marketing (3) Planning, developing, and implementing marketing programs for entrepreneurial opportunities. Three hours of lecture per week. Prerequisite: MKTG 306 or consent of the instructor.

Prerequisite(s): (MKTG 306)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MKTG 432 International Marketing (3 Credits)

International Marketing (3) Problems and procedures for marketing in foreign countries: effects of foreign cultures and marketing systems on design and execution of marketing. Three hours of lecture per week. Prerequisite: MKTG 306 or consent of the instructor.

Prerequisite(s): (MKTG 306)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MKTG 435 Market Management Cases & Prob (3 Credits)

Strategic Marketing Management (3) Strategic marketing management concepts: market opportunity analysis; market segmentation, targeting, and positioning; marketing mix strategies; and the marketing control process. Three hours of lecture per week. Prerequisites: MKTG 430 and 90 semester credit hours completed.

Prerequisite(s): MKTG 306

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MKTG 444 Professional Selling (3 Credits)

Professional Selling (3) The universal need for sales, improving sales skills, characteristics and tools needed for success in the profession. Three hours of lecture per week.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Management Information Systems, Bachelor of Business Administration

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 71)	42
	Major Requirements (p.)	57
	Other Requirements (p. 72)	21
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Select one of the following:		3
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	

PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
MIS 204	Fundamentals of Info Systems	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature

Major (Management in Information Systems)

Code	Title	Hours
School Core Requirements		
ACCT 231	Principles Of Accounting I	3
ACCT 232	Principles of Accounting II	3
BADM 101	Intro to Bus, Gov & Society	3
BADM 230	Advanced Communication Skills	3
BADM 234	Legal & Regulatory Envir of Bu	3
FIN 301	Basic Financial Management	3
MGMT 300	Principles of Management	3
MKTG 306	Principles of Marketing	3
MGSC 302	Operations Management I	3
BADM 450	Organl Policy & Strategy	3
Major Requirements		
MIS 304	Information Technology	3
MIS 310	Programming Concepts	3
MIS 320	Hardware and Network	3
MIS 340	Database Development & Design	3
MIS 410	Systems Analysis & Design	3

MIS 420	Web Development	3
MIS 460	Enterprise Resource Planning	3
MIS 470	MIS Capstone	3
MIS Electives		
Select one of the following:		
MIS 350	Advanced Programming	3
MIS 450	Information Tech Security	3
MIS 480	Current Topics in MIS	3
MIS 490	Internship in MIS Area	3
Total Hours		57

Other Requirements

Code	Title	Hours
ECON 232	Principles Of Economics II	3
FS 102	Freshman Seminar/ first Year Experience	1
MATH 138	Mathematics for Business and Economics Analysis II	3
MGSC 239	Business Statistics I	3
General Electives ¹		11
Total Hours		21

¹ General Elective can be any business or non-business course.

Course	Title	Hours
First Year		
First Semester		
FS 102	Freshman Seminar/ first Year Experience	1
BADM 101	Intro to Bus, Gov & Society	3
ENG 131	Freshman English I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Creative Arts		3
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Business and Economics Analysis II	3
MIS 204	Fundamentals of Info Systems	3
BADM 234	Legal & Regulatory Envir of Bu	3
Life and Physical Sciences		3
Hours		15
Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ACCT 231	Principles Of Accounting I	3
BADM 230	Advanced Communication Skills	3
Life and Physical Sciences		3
Hours		15
Fourth Semester		
POLS 236	Texas Government	3

HIST 232	Soc & Pol Hist US Since 1877	3
ACCT 232	Principles of Accounting II	3
Language, Philosophy, and Culture		3
ECON 231	Principles Of Economics I	3
Hours		15

Third Year

Fifth Semester

ECON 232	Principles Of Economics II	3
MGMT 300	Principles of Management	3
MGSC 239	Business Statistics I	3
MIS 304	Information Technology	3
FIN 301	Basic Financial Management	3
Hours		15

Sixth Semester

MGMT 301	Foundations of Human Res Mgmt	3
MGSC 302	Operations Management I	3
MGMT 330	Organizational Behavior	3
ENTR 300	Introduction to Entrepreneursh	3
General Elective		3
Hours		15

Fourth Year

Seventh Semester

MGMT 395	Team Building & Org Change	3
MGSC 303	Operations Management II	3
MGSC 331	Business Statistics II	3
MKTG 306	Principles of Marketing	3
General Elective		3
Hours		15

Eighth Semester

BADM 450	Organl Policy & Strategy	3
MGMT 401	Leadership & Motivation	3
MGMT 402	International Management	3
General Elective		3
General Elective		2
Hours		14
Total Hours		120

Management with Human Resource Management Concentration, Bachelor of Business Administration

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Requirements (p. 73)		42
Major Requirements (https://catalog.tsu.edu/undergraduate/schools-colleges/business/business-administration/management-human-resource-management-concentration-bbba/major/)		57

Other Requirements (p. 73)	21
Total Hours	120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
or BIOL 143	Survey of Life Science	
Select one of the following:		3
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	
Language, Philosophy, and Culture		
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
MIS 204	Fundamentals of Info Systems	3
Total Hours		42

- ¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed
- ² (N) represents the number of course credits.

Major (Management)

Code	Title	Hours
School Core Requirements		
ACCT 231	Principles Of Accounting I	3
ACCT 232	Principles of Accounting II	3
BADM 101	Intro to Bus, Gov & Society	3
BADM 230	Advanced Communication Skills	3
BADM 234	Legal & Regulatory Envir of Bu	3
FIN 301	Basic Financial Management	3
MGMT 300	Principles of Management	3
MKTG 306	Principles of Marketing	3
MGSC 302	Operations Management I	3
BADM 450	Organl Policy & Strategy	3
Major Requirements		
MGMT 301	Foundations of Human Res Mgmt	3
MGMT 330	Organizational Behavior	3
MGMT 407	The Legal Environment of HRM	3
MGMT 408	Managing the Global Workforce	3
MGMT 409	Human Resource Information Sys	3
MIS 304	Information Technology	3
MGSC 331	Business Statistics II	3
Electives		
Select six credits from the following:		6
MGMT 395	Team Building & Org Change	
ENTR 300	Introduction to Entrepreneursh	
MGMT 401	Leadership & Motivation	
MGMT 402	International Management	
MGSC 303	Operations Management II	
Total Hours		57

Other Requirements

Code	Title	Hours
ECON 232	Principles Of Economics II	3
FS 102	Freshman Seminar/ first Year Experience	1
MATH 138	Mathematics for Businessand Economics Analysis II	3
MGSC 239	Business Statistics I	3
General Electives ¹		11
Total Hours		21

- ¹ General Elective can be any business or non-business course.

Course	Title	Hours
First Year		
First Semester		
BADM 101	Intro to Bus, Gov & Society	3
ENG 131	Freshman English I	3
FS 102	Freshman Seminar/ first Year Experience	1

MATH 135	Mathematics for Business and Economic Analysis I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Creative Arts		3

Hours **16**

Second Semester

ENG 132	Freshman English II	3
MATH 138	Mathematics for Business and Economics Analysis II	3
MIS 204	Fundamentals of Info Systems	3
BADM 234	Legal & Regulatory Envir of Bu	3
Life and Physical Sciences		3

Hours **15**

Second Year**Third Semester**

POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ACCT 231	Principles Of Accounting I	3
BADM 230	Advanced Communication Skills	3
Life and Physical Sciences		3

Hours **15**

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ACCT 232	Principles of Accounting II	3
Language, Philosophy, and Culture		3
ECON 231	Principles Of Economics I	3

Hours **15**

Third Year**Fifth Semester**

ECON 232	Principles Of Economics II	3
MGMT 300	Principles of Management	3
MGSC 239	Business Statistics I	3
MKTG 306	Principles of Marketing	3
FIN 301	Basic Financial Management	3

Hours **15**

Sixth Semester

MGMT 330	Organizational Behavior	3
MGMT 301	Foundations of Human Res Mgmt	3
MGSC 331	Business Statistics II	3
MGMT 407	The Legal Environment of HRM	3
General Elective		3

Hours **15**

Fourth Year**Seventh Semester**

MGMT 408	Managing the Global Workforce	3
MGSC 302	Operations Management I	3
MIS 304	Information Technology	3
Business Elective		3
General Elective		3

Hours **15**

Eighth Semester

BADM 450	Organl Policy & Strategy	3
MGMT 409	Human Resource Information Sys	3
Business Elective		3
General Elective		3
General Elective		2

Hours **14**

Total Hours **120**

Management, Bachelor of Business Administration

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 74)	42
	Major Requirements (p. 75)	57
	Other Requirements (p. 75)	21
Total Hours		120

General Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Select one of the following:		3
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	

American History

HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
MIS 204	Fundamentals of Info Systems	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature

Major (Management)

Code	Title	Hours
School Core Requirements		
ACCT 231	Principles Of Accounting I	3
ACCT 232	Principles of Accounting II	3
BADM 101	Intro to Bus, Gov & Society	3
BADM 230	Advanced Communication Skills	3
BADM 234	Legal & Regulatory Envir of Bu	3
FIN 301	Basic Financial Management	3
MGMT 300	Principles of Management	3
MKTG 306	Principles of Marketing	3
MGSC 302	Operations Management I	3
BADM 450	Organl Policy & Strategy	3
Major Requirements		
MGMT 301	Foundations of Human Res Mgmt	3
MGMT 330	Organizational Behavior	3
MGMT 395	Team Building & Org Change	3
ENTR 300	Introduction to Entrepreneursh	3
MGMT 401	Leadership & Motivation	3
MGMT 402	International Management	3
MGSC 303	Operations Management II	3
MIS 304	Information Technology	3
MGSC 331	Business Statistics II	3
Total Hours		57

Other Requirements

Code	Title	Hours
ECON 232	Principles Of Economics II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
MGSC 239	Business Statistics I	3
General Electives ¹		11

FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		21

¹ General Elective can be any business or non-business course.

Course	Title	Hours
First Year		
First Semester		
BADM 101	Intro to Bus, Gov & Society	3
ENG 131	Freshman English I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Creative Arts		3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
MIS 204	Fundamentals of Info Systems	3
BADM 234	Legal & Regulatory Envir of Bu	3
Life and Physical Sciences		3
Hours		15

Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ACCT 231	Principles Of Accounting I	3
BADM 230	Advanced Communication Skills	3
Life and Physical Sciences		3
Hours		15

Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ACCT 232	Principles of Accounting II	3
Language, Philosophy, and Culture		3
ECON 231	Principles Of Economics I	3
Hours		15

Third Year		
Fifth Semester		
ECON 232	Principles Of Economics II	3
MIS 310	Programming Concepts	3
MIS 320	Hardware and Network	3
MGSC 239	Business Statistics I	3
MIS 304	Information Technology	3
Hours		15

Sixth Semester		
MGMT 300	Principles of Management	3
MIS 340	Database Development & Design	3
MIS 420	Web Development	3
MGSC 302	Operations Management I	3

General Elective		3
Hours		15
Fourth Year		
Seventh Semester		
MIS 410	Systems Analysis & Design	3
MIS Elective		3
MKTG 306	Principles of Marketing	3
FIN 301	Basic Financial Management	3
General Elective		3
Hours		15
Eighth Semester		
BADM 450	Organ Policy & Strategy	3
MIS 460	Enterprise Resource Planning	3
MIS 470	MIS Capstone	3
General Elective		3
General Elective		2
Hours		14
Total Hours		120

Marketing, Bachelor of Business Administration

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p.)	42
	Major Requirements (p. 76)	57
	Other Requirements (p. 77)	21
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Select one of the following:		3
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	

PHYS 251 University Physics I

Language, Philosophy, and Culture

Select one of the following: 3

ENG 230 World Literature I

ENG 231 World Literature II

ENG 235 American Literature

ENG 244 African-American Literature

Creative Arts

Select one of the following: 3

MUSI 136 Music Appreciation

MUSI 239 Fine Arts In Daily Living

THEA 130 Introduction to Theatre

ART 135 Topics in Contemp Art & Cultur

ART 137 Intro African Art

American History

HIST 231 Soc & Pol Hist US to 1877 3

HIST 232 Soc & Pol Hist US Since 1877 3

Government/Political Science

POLS 235 American Government 3

POLS 236 Texas Government 3

Social and Behavioral Sciences

ECON 231 Principles Of Economics I 3

Institutional Options

COMM 135 BUSINESS & PROFESSIONAL COMMUNICATION 3

or COMM 136 PUBLIC ADDRESS

MIS 204 Fundamentals of Info Systems 3

Total Hours 42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (Marketing)

Code	Title	Hours
School Core Requirements		
ACCT 231	Principles Of Accounting I	3
ACCT 232	Principles of Accounting II	3
BADM 101	Intro to Bus, Gov & Society	3
BADM 230	Advanced Communication Skills	3
BADM 234	Legal & Regulatory Envir of Bu	3
FIN 301	Basic Financial Management	3
MGMT 300	Principles of Management	3
MKTG 306	Principles of Marketing	3
MGSC 302	Operations Management I	3
BADM 450	Organ Policy & Strategy	3
Major Requirements		
MKTG 307	Marketing Channels & Inst	3
MKTG 336	Marketing Communications	3
MKTG 430	Mktg Decision Making:TH & PRA	3
MKTG 435	Market Management Cases & Prob	3
Electives		
Select five of the following:		15

MKTG 431	Entrepreneurial Marketing	
MKTG 432	International Marketing	
MKTG 444	Profesional Selling	
BADM 466	Business Internship	
SPMT 333	Problems in Rec & Sports	
MIS 304	Information Technology	
MGSC 331	Business Statistics II	
Total Hours		57

Other Requirements

Code	Title	Hours
ECON 232	Principles Of Economics II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
MGSC 239	Business Statistics I	3
General Electives ¹		11
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		21

¹ General Elective can be any business or non-business course.

Course	Title	Hours
First Year		
First Semester		
BADM 101	Intro to Bus, Gov & Society	3
ENG 131	Freshman English I	3
FS 102	Freshman Seminar/ first Year Experience	1
MATH 135	Mathematics for Business and Economic Analysis I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Creative Arts		3
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
MIS 204	Fundamentals of Info Systems	3
BADM 234	Legal & Regulatory Envir of Bu	3
Life and Physical Sciences		3
Hours		15
Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ACCT 231	Principles Of Accounting I	3
BADM 230	Advanced Communication Skills	3
Life and Physical Sciences		3
Hours		15
Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ACCT 232	Principles of Accounting II	3

Language, Philosophy, and Culture		3
ECON 231	Principles Of Economics I	3
Hours		15

Third Year

Fifth Semester

ECON 232	Principles Of Economics II	3
MKTG 306	Principles of Marketing	3
MGSC 239	Business Statistics I	3
FIN 301	Basic Financial Management	3
Marketing Elective		3
Hours		15

Sixth Semester

MKTG 307	Marketing Channels & Inst	3
MKTG 336	Marketing Communications	3
MGSC 302	Operations Management I	3
Marketing Elective		3
General Elective		3
Hours		15

Fourth Year

Seventh Semester

MKTG 430	Mktg Decision Making:TH & PRA	3
MGMT 300	Principles of Management	3
Marketing Elective		3
General Elective		3
General Elective		3
Hours		15

Eighth Semester

BADM 450	Organl Policy & Strategy	3
MKTG 435	Market Management Cases & Prob	3
Marketing Elective		3
General Elective		3
General Elective		2
Hours		14
Total Hours		120

The School of Communication

The primary mission of the School of Communication is to prepare students who declare majors and minors in departmental curricular offerings for entry into the workforce, and for graduate study. A secondary mission is to ensure that all students matriculating through the university have an understanding of the impact of communication skills upon all aspects of society.

The School of Communication offers courses in the following academic disciplines:

- Communication Studies (COMM)
- Entertainment and the Recording Industry Management (ERM)
- Journalism (JOUR)
- Radio, Television, and Film (RTF)

In addition to course offerings, **four undergraduate or baccalaureate degrees are offered through the School: the Bachelor of Arts (BA) in Entertainment and the Recording Industry Management; Journalism;**

Radio, Television and Film; and Communication Studies. For students who major in disciplines in which the declaration of a minor is required the School offers the following minors:

- Entertainment and the Recording Industry Management
- Journalism
- Radio, Television, and Film
- Communication Studies

It offers one graduate degree: the Master of Arts (MA) in Communications. Please refer to The Graduate School Bulletin of Texas Southern University for detailed information on the MA in Communications.

In pursuing the BA in speech communication students may select from two different curriculum concentrations: Intercultural-Interpersonal Communication or Organizational Communication. **Students who are first-time degree seekers in either Communication Studies concentration are required to declare a minor in a second academic discipline.**

Students pursuing a degree in Journalism may select from three concentrations:

- Print Journalism (minor required)
- Advertising-Public relations (minor required)
- Broadcast Journalism (no minor required)

Students pursuing a degree in Radio, Television, and Film may select one of three specialties: radio, television, or film. Selecting a specialty is not required because students, in consultation with an academic advisor, may select a combination of radio, television, and film courses (RTF electives only) that are available in the current inventory of courses. Degree plans with and without a minor are available for students interested in radio, television, and film.

The Entertainment and the Recording Industry Management degree will be offered as an independent degree in the Fall of 2014, with a required minor in one of the following areas:

- Music
- Business Administration
- Accounting
- Finance
- Human Performance
- Radio, Television, and Film
- Social Sciences
- Any minor approved by the academic advisor

Qualified transfer students may transfer up to 30 credit hours from a degree program from a community college or an accredited institution in any technical area related to Entertainment and the Recording Industry in lieu of declaring a minor.

Students are cautioned that grades less than "C", including "C-", are unacceptable in courses designated as major or minor courses in the pursuit of the degree.

In selecting a minor for undergraduate degrees, students should seek detailed advisement from a faculty advisor within the department offering the minor. An undergraduate student cannot qualify for graduation with fewer than 120 semester credit hours satisfactorily completed.

Requirements for the BA in Entertainment and the Recording Industry Management; Journalism; Radio, Television, and Film; and Communication Studies are summarized below. The list delineates the requirements and semester credit hours needed for graduation according to the concentration selected for the respective degree.

Department of Communication Studies

Undergraduate Degree(s):

- Bachelor of Arts in Communication Studies (Intercultural - Interpersonal Concentration (p. 81))
- Bachelor of Arts in Communication Studies (Organizational Communication Concentration) (p. 83)

Graduate Degree(s):

- Master of Arts in Communications (Health Communication Concentration-Academic) (p. 462)
- Master of Arts in Communications (Media Studies/Research and Theory Concentration-Academic) (p. 467)
- Master of Arts in Communications (Organizational Communication Concentration-Academic) (p. 471)
- Master of Arts in Communications with Professional Communication and Digital Media Concentration Professional (p. 475)

Vision and Mission Statement

The goal of the Department of Communication Studies is to develop and evaluate programs that foster students' ethical, social, professional and intellectual development in communication fields. In addition, the department seeks to nurture students' capacities to think critically, creatively, and skillfully. The department seeks to develop students' commitment to social and personal responsibilities, and to hold respect for every person. Another goal of the department is to prepare students for the workforce, enabling them to gain employment in their respected disciplines. It also seeks to prepare students for further education. Development and enhancement of students' communication skills are the focus of each concentration in the Department of Communication Studies. Students must possess high communication skills, because communication is considered as one of the most important factors at work and societal success.

Degree Requirements

Students pursuing baccalaureate degrees in the Department of Communication Studies first must be admitted into the university, and meet their ASSET responsibility, before meeting degree program requirements. In order to attain the Bachelor of Arts in Communication Studies, students must select from the two curriculum concentrations: Organizational Communication or Intercultural-Interpersonal Communication. For either of the two concentrations, students are required to declare a minor in a second academic discipline. In the selection of concentration courses, students must meet with a designated advisor, who can assist them in the selection of major courses, general education courses (core curriculum), and minor. In addition, students must seek advising from the designated advisor in their minors' respective disciplines. In both major and minor courses, including ENG 131 Freshman English I and ENG 132 Freshman English II,

grades less than “C”–including “C”– are not acceptable. Those courses must be repeated.

In order to receive a baccalaureate degree in Communication Studies, students must complete 120 semester hours. These must include major courses totaling 46 credit hours, minor courses totaling 21 credit hours, the general education courses (core curriculum) totaling 42 hours, and elective courses totaling 11 credit hours. In no case is an undergraduate student qualified to graduate unless he/she has completed 120 credits hours. For a student to be granted a baccalaureate degree by the Department of Communication Studies, the requirements must be met under the supervision of the major advisor.

- Communication Studies (Intercultural - Interpersonal Concentration), Bachelor of Arts (p. 81)
- Communication Studies (Organizational Communication Concentration), Bachelor of Arts (p. 83)
- Communication Studies, Minor (p. 85)

Communication Core Courses

Communication Studies Courses (Speech Communication)

COMM 110 Speech Proficiency Lab (1 Credits)

This course is intended to guide students, through the use of practical applications, to become effective speakers by understanding the speech mechanism and precise, profound, and proficient oral communication expected from majors in journalism, speech and RTF. Two hours of lab per week.

College/School: School of Communication

Department: School of Communication

COMM 130 Introduction to Communication Studies (3 Credits)

Basic concepts, theories and principles operative in the communication process; application of these principles to the acquisition of communication skills. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 135 BUSINESS & PROFESSIONAL COMMUNICATION (3 Credits)

Introduction to the basic oral communication skills needed for careers in business and the professions. Students make presentations, conduct interviews, and participate in problem-solving group discussions. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 136 PUBLIC ADDRESS (3 Credits)

Principles of effective speaking and their application to the preparation, delivery, and evaluation of the basic forms of public messages; stresses public issues, their relevancy and effect. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 140 VOICE & DICTION (3 Credits)

Development of an effective speaking voice through the achievement of proper relaxation, breathing, and vocal resonance. Three hours of lecture per week. Listed as SPEC 1342 in the Texas Common Course Numbering System.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 200 Intro to Media Research Tech (3 Credits)

Basic skills development in research techniques and in-depth experience in written composition, emphasizing composition as a communication skill; analysis of student proficiency in the basic communication skills as they relate to professions in communication. Three hours of lecture per week.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 220 Media Literacy (3 Credits)

In this course, students develop analytical understanding of creative artifacts in media, including film, television, video games, social media, and so forth. The course presents clips, screenings, and other examples from a variety of cultures to provide a basis for critical, creative, and innovative written, oral, and visual communication about works of art. 3 hours per week

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 230 STUDIES URBAN RHETORICAL (3 Credits)

Study of linguistic and rhetorical patterns of major ethnic and socioeconomic groups in urban areas. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 232 INTERPERSONAL COMMUNICATION (3 Credits)

Study of the interpersonal communication as a dynamic process utilizing verbal and nonverbal cues as the basis of meaningful human interaction. Three hours of lecture per week. Listed as SPCH 1318 in the Texas Common Course Numbering System.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 233 COMMUNICATION SKILL HEALTH PROFESSIONAL (3 Credits)

Practice in the development of interpersonal skills in relating to the health professional; practice in the development of the skills of group and public communication. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 236 ARGUMENTATION & DEBATE (3 Credits)

Exploration of principles of argumentation, training, and participation in various types of argumentative speeches and debate. Special inclusion of parliamentary procedures. Three hours of lecture per week. Listed as SPCH 2325 in the Texas Common Course Numbering System.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 250 Comm, Globalization & Int'l Me (3 Credits)

This course will allow students to access all forms of international media and professional development. 3 hours per week

Prerequisite(s): (COMM 135 or COMM 136)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 251 Soc Media Campaigns Analytics (3 Credits)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 330 PROFESS DEVELOPMENT & ETHIC (3 Credits)

A preparatory course for entering into the job market. Covers a variety of topics including oral communication skills dress code, interview techniques, advanced resume writing, motivational skills, stress management, professional survival and cultural awareness skills. Three hours of lecture per week.

Prerequisite(s): (COMM 110 and COMM 130 and COMM 200)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 331 Persuasion (3 Credits)

Intensive examination of principles and techniques of persuasion and of the critical role of the consumer of persuasive messages. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 332 COMPUTER APPLICATIONS IN COMMUNICATION (3 Credits)

Introduction to graphics, multimedia and web design techniques applicable to communication field. Three hours of lecture and lab per week.

Prerequisite(s): (CS 116)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 333 INTERVIEWING (3 Credits)

Strategies and techniques of interviewing as purposive dyadic interaction for interviewer and interviewee. Includes the study of and practice with various types of interviews. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 334 Group Comm (3 Credits)

Role of communication theory in the making of individual and collective decisions; application of communication theory to principles of leadership in small group decision making. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 335 RHETORICAL CRITICISM (3 Credits)

This course involves the study of theory or rhetorical criticism with the emphasis on the analysis of standards and methods of evaluation. Offered as needed.

Prerequisite(s): (COMM 130)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 336 Comm Research Design (3 Credits)

Students will learn and apply advanced methods and theories of communication discipline, producing a major research paper, literature review or performative writing project. This course will cover advanced elements of source citation, style, research writing formats and content. 3 hours per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 337 Media Criticism (3 Credits)

Media criticism focuses on theory and method as related to the nature and forms of media, their effects on audiences and society, and literacy appropriate to their understanding and use. Meet 3 hours per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 338 INTRODUCTION TO ORGANIZATIONAL COMMUNICATION (3 Credits)

Basic principles and perspectives of organizational communication; communication networks and structures; decision making; conflict resolution with organizations; impact of styles of communication on organizational relations. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 339 Perf. Theory & Methods (3 Credits)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 340 Media, Power & Society (3 Credits)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 420 Theories of Pop Cultural Comm (3 Credits)

Intensive study of the theories and methods used to study popular culture as a communicative form. Areas covered include American media, literature, art and other markers of culture. Meet 3 hours per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 421 Rhetoric of Social Movements (3 Credits)

In this course students evaluate the philosophical, social and cultural foundations of rhetorical theory and practices found in different social movements by focusing on the ways in which social groups and persuasive efforts shape public opinion. This course emphasizes the way in which language, symbols, writing and activities are used as a device of oppression and liberation. Meet 3 hours per week

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 423 Sexuality, Gender and Perform (3 Credits)

This course centers on contemporary communication theory and research on interconnections between sexuality, gender and performative culture. Meet 3 hours per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 430 EXPERIENTIAL LEARNING (3 Credits)

The integration of process and content acquisition through application and practice in real-life situations; structured part-time or full-time internships. Three hours of lecture per week.

Prerequisite(s): (COMM 110 and COMM 130 and COMM 200 and COMM 330 and COMM 332)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 431 NONVERBAL COMMUNICATION (3 Credits)

The analysis of nonverbal aspects of human communication with special consideration of physical and spatial styles and cues. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 432 INTERCULTURAL COMMUNICATION THEORY & METHOD (3 Credits)

Importance of cultural and ethnic differences as they affect our communication processes in various aspects of personal relations. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 433 HEALTH COMMUNICATION (3 Credits)

Current issues in delivery of health care, practitioner/patient relationships, the role of private and government agencies in health care, dissemination of health care information. Three hours of lecture per week. Offered as needed.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 434 PRINCIPLES OF LEADERSHIP (3 Credits)

Study of the phenomenon of leadership, leadership styles, and leadership techniques, including parliamentary procedures and other strategies of control and influence. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 438 ORGANIZATION STRUCTURE & COMMUNICATION BEHAVIOR (3 Credits)

Analysis of the interdependence of organizational goals and communication behavior from the standpoint of those who must recognize, understand, or design communication systems. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 450 SPECIAL TOPIC COMMUNICATION STUDIES (3 Credits)

Problems of current concern in speech communication; topics vary according to time and instructor. May be repeated as topics change. Three hours of lecture per week. Offered as needed.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 460 Sports Communications (3 Credits)

This course explores the field of Sport Communication and reviews the different models of Sport Communication, such as print and electronic media, sport advertising, public relations, media relations, and employment opportunities. Students will have the opportunity to critically assess the communication efforts of Sports Organization as well as construct their own communications in the field of sports. 3 hours per week

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 490 Special Topic in Media Studies (3 Credits)

Intensive study of selected topics in communication studies in the area of media studies. Areas covered will rotate by term and instructor. This course is repeatable with change in topic. Meet 3 hours per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 491 Special Topic in Org Comm (3 Credits)

Intensive study of selected in communication studies in the area of organizational communication. Areas covered will rotate by term and instructor. This course is repeatable with change in topic.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 492 Spec Topics in Rhetoric & Cult (3 Credits)

Intensive study of selected topics in communication studies in the area of rhetoric and culture. Areas covered will rotate by term and instructor. This course is repeatable. 3 hours per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 493 Special Topic in Health Comm (3 Credits)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 494 Special Topic in Performance (3 Credits)

College/School: School of Communication

Department: Dept of Communication Arts/Sci

COMM 495 Independent Study (3 Credits)

Independent study in interpersonal/intercultural communication, organizational communication, or rhetorical theory and criticism. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Communication Arts/Sci

Communication Studies (Intercultural - Interpersonal Concentration), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p.)	42
	Major Requirements (p. 82)	46
	Other Requirements (p. 82)	11
	Minor (p. 82)	21
Total Hours		120

General Education Core Curriculum (Standard) ¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		

Select one of the following:	3
PSY 131 General Psychology	
SOC 157 Introduction To Sociology	
SOC 158 Contemporary Social Issues	
Institutional Options	
COMM 135 BUSINESS & PROFESSIONAL COMMUNICATION or COMM 136 PUBLIC ADDRESS	3
CS 116 Intro To Compr Science I	3
Total Hours	42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Speech Communication)

Code	Title	Hours
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
COMM 200	Intro to Media Research Tech	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 430	EXPERIENTIAL LEARNING	3
COMM 136	PUBLIC ADDRESS	3
COMM 230	STUDIES URBAN RHETORICAL	3
COMM 232	INTERPERSONAL COMMUNICATION	3
COMM 431	NONVERBAL COMMUNICATION	3
COMM 432	INTERCULTURAL COMMUNICATION THEORY & METHOD	3
COMM 433	HEALTH COMMUNICION	3
SC Electives		6
Total Hours		40

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience ¹	1
Elective		10
Total Hours		11

¹ Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

Minor Requirements

Code	Title	Hours
Contact Department of choice after being admitted as a major in the Department		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
COMM 130	Introduction to Communication Studies	3
Hours		16

Second Semester		
ENG 132	Freshman English II	3
GEOL 141	Introduction To The Earth	3
CS 116	Intro To Compr Science I	3
Select one of the following:		
PSY 131	General Psychology ¹	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
COMM 136	PUBLIC ADDRESS	3
COMM 110	Speech Proficiency Lab	1
Hours		16

Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following:		
ENG 230	World Literature I ²	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
COMM 200	Intro to Media Research Tech	3
COMM 230	STUDIES URBAN RHETORICAL	3
Hours		15

Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Select one of the following: ¹		
MUSI 131	Introduction To Music	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
COMM 232	INTERPERSONAL COMMUNICATION	3
SC Elective		3
Hours		15

Third Year		
Fifth Semester		
COMM 331	Persuasion	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
Minor		3
Minor		3

Elective		3
Hours		15
Sixth Semester		
COMM 334	Group Comm	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
Minor		3
Elective		3
Hours		12
Fourth Year		
Seventh Semester		
Minor		3
Elective		4
COMM 430	EXPERIENTIAL LEARNING	3
COMM 431	NONVERBAL COMMUNICATION	3
COMM 432	INTERCULTURAL COMMUNICATION THEORY & METHOD	3
Hours		16
Eighth Semester		
Minor		3
Minor		3
COMM 433	HEALTH COMMUNICION	3
SC Elective		3
Minor		3
Hours		15
Total Hours		120

¹ PSY 131 General Psychology; SOC 157 Introduction To Sociology; SOC 158 Contemporary Social Issues

² ENG 230 World Literature I; ENG 231 World Literature II; ENG 235 American Literature; ENG 244 African-American Literature

³ MUSI 131 Introduction To Music; MUSI 239 Fine Arts In Daily Living; THEA 130 Introduction to Theatre

Communication Studies (Organizational Communication Concentration), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 83)	42
	Major Requirements (p. 83)	46
	Other Requirements (p. 84)	11
	Minor (p. 84)	21
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Speech Communication)

Code	Title	Hours
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
COMM 200	Intro to Media Research Tech	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 430	EXPERIENTIAL LEARNING	3
COMM 136	PUBLIC ADDRESS	3

COMM 230	STUDIES URBAN RHETORICAL	3
COMM 232	INTERPERSONAL COMMUNICATION	3
COMM 331	Persuasion	3
COMM 333	INTERVIEWING	3
COMM 338	INTRODUCTION TO ORGANIZATIONAL COMMUNICATION	3
COMM 334	Group Comm	3
COMM 434	PRINCIPLES OF LEADERSHIP	3
COMM 438	ORGANIZATION STRUCTURE & COMMUNICATION BEHAVIOR	3
SC Electives		3
Total Hours		46

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
Elective		10
Total Hours		11

Minor Requirements

Code	Title	Hours
Contact Department of choice after being admitted as a major in the Department		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 130	Introduction to Communication Studies	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Hours		16

Second Semester		
ENG 132	Freshman English II	3
THEA 130	Introduction to Theatre	3
	or MUSI 131 or Introduction To Music	
GEOL 141	Introduction To The Earth	3
Select one of the following: ¹		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
COMM 110	Speech Proficiency Lab	1
COMM 136	PUBLIC ADDRESS	3
Hours		16

Second Year

Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following: ²		3

ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
COMM 200	Intro to Media Research Tech	3
COMM 230	STUDIES URBAN RHETORICAL	3
Hours		15

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
CS 116	Intro To Compr Science I	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 232	INTERPERSONAL COMMUNICATION	3
Hours		15

Third Year

Fifth Semester		
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 331	Persuasion	3
Minor		3
Minor		3
Elective		3
Hours		15

Sixth Semester

COMM 333	INTERVIEWING	3
COMM 338	INTRODUCTION TO ORGANIZATIONAL COMMUNICATION	3
COMM 334	Group Comm	3
Minor		3
Elective		3
Hours		15

Fourth Year

Seventh Semester		
Minor		3
Minor		3
COMM 430	EXPERIENTIAL LEARNING	3
COMM 434	PRINCIPLES OF LEADERSHIP	3
SC Elective		3
Hours		15

Eighth Semester

Elective		4
Minor		3
COMM 438	ORGANIZATION STRUCTURE & COMMUNICATION BEHAVIOR	3
Minor		3
Hours		13
Total Hours		120

¹ PSY 131 General Psychology; SOC 157 Introduction To Sociology; or SOC 158 Contemporary Social Issues

² ENG 230 World Literature I; ENG 231 World Literature II; ENG 235 American Literature; or ENG 244 African-American Literature

³ MUSI 131 Introduction To Music; MUSI 239 Fine Arts In Daily Living; or THEA 130 Introduction to Theatre

Communication Studies, Minor

For a minor in Communication Studies, twenty-two (22) semester credit hours are required through enrollment in the following courses:

Code	Title	Hours
COMM 110	Speech Proficiency Lab	1
COMM 136	PUBLIC ADDRESS	3
COMM 230	STUDIES URBAN RHETORICAL	3
COMM 232	INTERPERSONAL COMMUNICATION	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
Six (6) additional COMM credits of choice, three (3) of which must be at the 300-level or 400-level.		6
Total Hours		22

Department of Journalism

Undergraduate Degree(s):

- Bachelor of Arts in Journalism (Advertising and Public Relations) (p. 88)
- Bachelor of Arts in Journalism (Broadcast Journalism Concentration) (p. 89)
- Bachelor of Arts in Journalism (Print Journalism Concentration) (p. 91)

Journalism has been taught at Texas Southern University since the Texas Legislature passed enabling legislation for the university in 1947. Many of its graduates have gone on to form a cadre of African-American journalists who fill a void in American newsrooms.

The Department of Journalism is one of three departments in the School of Communication, which includes departments of Communication Arts and Sciences, and Radio, Television and Film. In addition the School of Communication offers a concentration in Entertainment Recording and Management. Journalism majors may choose from three concentrations:

- print journalism,
- broadcast journalism and
- advertising/public relations.

Graduate students may also earn a master's degree in journalism.

Journalism majors are required to take a series of courses required of all School of Communication students. These include:

Code	Title	Hours
COMM 130	Introduction to Communication Studies	3
COMM 200	Intro to Media Research Tech	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 430	EXPERIENTIAL LEARNING	3

Mission and Goals

The mission of the Department of Journalism is to prepare students to professionally communicate in the rapidly changing world of digital technology by teaching them the fundamentals of writing, reporting

and editing, and engaging them with video shooting and editing, the creation of websites, the uses of social media and the application of smart phones. Our students graduate to use these skills professionally in the news media, business and public relations.

While journalism is undergoing changes in its business model, the opportunities for practicing journalism in both mainstream media combined with the expanding world of digital communication has led to an explosion of entrepreneurial possibilities for graduates. Students across the country have been flooding journalism programs not because they all want to be reporters at news companies, but because they know communication skills are in high demand in the business world.

Faculty members in the Department of Journalism are dedicated to creating a program in which students learn to develop the digital and entrepreneurial skills they need to compete in this changing environment.

Degree Concentrations

The Department of Journalism offers three degree concentrations: print journalism, broadcast journalism and advertising/public relations. All three concentrations require students take three reporting classes: introductory, intermediate and advanced. All students are required to take classes in news editing, law and the media and computers in communication.

Broadcast journalism majors take introductory, intermediate and advanced classes in broadcast journalism as well as classes in Radio, Television Film.

Print journalism and advertising/public relations majors are required to take a minor. Often they choose RTF in order to enhance their digital skills. A few take a business and marketing minor. Broadcast journalism majors must take 19 hours of production classes in Radio, Television Film and are not required to take a minor.

Approximately 150 students were enrolled as journalism majors in the spring of 2015. An estimated two-thirds are taking the broadcast journalism concentration. The other third is divided between print and advertising/public-relations concentrations. Only grades of C or better in School classes and in English are accepted for the major or minor in journalism.

Student Success as Measured by Student Learning Outcomes

In compliance with accrediting requirements, the department created an assessment plan designed to measure student achievement. The first goal is "Students will demonstrate professional standards in writing." This goal is measured by reviewing student portfolios in the advanced reporting class required of all journalism majors. The two student learning outcomes (SLOs) are: "Students will write effective, fact-based introductions to stories and "Students will write grammatically, stylistically correct stories." These skills are measured by review of reporting portfolios in JOUR 332 Advanced Reporting.

The second goal is "Students will demonstrate readiness for professional work." This goal is measured by reviewing internship evaluations for the internship class required for all School of Communication majors. The two student learning outcomes are: "Student will demonstrate strong work habits, professional attitudes," and "Students will demonstrate effective communication skills." These are measured by reports of internship supervisors.

- Journalism (Advertising and Public Relations), Bachelor of Arts (p. 88)
- Journalism (Broadcast Journalism Concentration), Bachelor of Arts (p. 89)
- Journalism (Print Journalism Concentration), Bachelor of Arts (p. 91)
- Journalism, Minor (p. 93)

Journalism Courses

JOUR 130 Intro To Journalism (3 Credits)

Introduction to Journalism (3) Survey of history, theory, aesthetics, and economics of print media; special emphasis placed on the development of electronic news operation. Three hours of lecture per week.

Prerequisite(s): ENG 131 (may be taken concurrently) or ENG 132 (may be taken concurrently)

College/School: School of Communication

Department: Dept of Journalism

JOUR 132 Intro To Reporting (4 Credits)

Introduction to Reporting (4) Introduction to fact gathering news and writing basic and advanced news stories considered. Students must be able to type at least 30 words per minute. Three hours of lecture and two hours of laboratory per week.

Prerequisite(s): (ENG 131 and ENG 132 (may be taken concurrently))

College/School: School of Communication

Department: Dept of Journalism

JOUR 133 Intro to Broadcast News (4 Credits)

Broadcast News I / Introduction to Broadcast News (4) Introduction to reporting and writing news for the broadcast media. Four hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 232 Intro To Advertising (3 Credits)

Introduction to Advertising (3) Introduction to basic principles of advertising theory and practice. Broad picture of advertising as marketing communications and social information. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 234 Intro To Pub Rel (3 Credits)

Introduction to Public Relations (3) Introduction to the principles and practices of public relations in business, education, social welfare, government, and the armed forces. Three hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 and CM 332 (may be taken concurrently) and CS 116 and JOUR 130 and JOUR 132)

College/School: School of Communication

Department: Dept of Journalism

JOUR 235 Online Journalism (3 Credits)

Online Journalism I (3) Hands-on introduction to journalistic writing for online publications and broadcasts using state-of-the-art software. Three hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 and CM 332 (may be taken concurrently) and CS 116 and JOUR 130 and JOUR 132)

College/School: School of Communication

Department: Dept of Journalism

JOUR 238 Intermediate Reporting (4 Credits)

Intermediate Reporting (4) Development of reporting and writing skills for the print media. Four hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 and CM 332 (may be taken concurrently) and CS 116 and JOUR 130 and JOUR 132)

College/School: School of Communication

Department: Dept of Journalism

JOUR 242 Inter Broadcast News (4 Credits)

Intermediate Broadcast News (4) Refining skills in gathering, evaluating, and writing news for the broadcast media. Four hours of lecture per week.

Prerequisites: JOUR 132, JOUR 133.

Prerequisite(s): JOUR 132 and JOUR 133

College/School: School of Communication

Department: Dept of Journalism

JOUR 251 The Black Press (3 Credits)

The Black Press (3) Survey of the Black press, including a survey of Black journalists, past and present, along with the status of today's Black press.

Three hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 (may be taken concurrently) and JOUR 130 and JOUR 132)

College/School: School of Communication

Department: Dept of Journalism

JOUR 253 News Editing I (3 Credits)

News Editing I (3) Development of clear, effective editing, rewriting, headline writing, page make-up, and reporting management for the print media. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 330 Social Media & Digital Innovat (3 Credits)

Students will learn how to optimize storytelling techniques to become diverse content creators in the evolving world of digital media. This course will be suitable for all journalism concentrations.

Prerequisite(s): (JOUR 132 and JOUR 238 and JOUR 232 and JOUR 234)

College/School: School of Communication

Department: Dept of Journalism

JOUR 331 Law & Ethics Of Journalism (3 Credits)

Law and Ethics of Journalism (3) Evolution of print and broadcast media in the United States in the context of political, social, and economic change; privileges and responsibilities of a journalist are stressed. Three hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 (may be taken concurrently) and JOUR 130 and JOUR 132)

College/School: School of Communication

Department: Dept of Journalism

JOUR 332 Advanced Reporting (4 Credits)

Advanced Reporting (4) Advanced training and practice in the gathering and writing of news stories with emphasis placed on enterprise ability and publishable quality stories. Four hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 and CM 332 (may be taken concurrently) and CS 116 and JOUR 130 and JOUR 132 and JOUR 238)

College/School: School of Communication

Department: Dept of Journalism

JOUR 333 Newspaper Design (3 Credits)

Newspaper Design (3) Introduction to basic camera-ready production techniques for tabloid and standard newspaper designs. Three hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 and CM 332 and CS 116 and JOUR 130 and JOUR 132 and JOUR 253)

College/School: School of Communication

Department: Dept of Journalism

JOUR 335 Computer Assisted Reporting (3 Credits)

Intermediate Desktop Publishing / Computer Assisted Reporting (3) Advanced training in the use of various database software products for contemporary reporting. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 345 Public Relations Writing (3 Credits)

A Public Relations Writing course is required by Public Relations Society of America for professional affiliation as well as for national accreditation by the AEJMC. Three hours per week.

Prerequisite(s): (JOUR 132 and JOUR 238 and JOUR 232 and JOUR 234)

College/School: School of Communication

Department: Dept of Journalism

JOUR 346 Public Relations & Advertising and Public Relations (3 Credits)

A research course in Advertising and Public Relations is a requirement for national accreditation as well as building cooperation with the Public Relations Society and its professionals programs.

Prerequisite(s): (JOUR 132 and JOUR 238 and JOUR 232 and JOUR 234)

College/School: School of Communication

Department: Dept of Journalism

JOUR 356 Advertising & PR Campaigns (3 Credits)

Advertising and PR Campaigns (3) Emphasis on group coordination of advertising and public information campaigns; development of strategies for local and national campaigns, including marketing media planning, research, and segmentation. Three hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 and CM 332 and JOUR 130 and JOUR 132)

College/School: School of Communication

Department: Dept of Journalism

JOUR 359 Computer Skills Journalists (4 Credits)

Computer Skills for Journalists (4) Fundamental principles and techniques of newsroom computer usage; hands-on experience in using various computer software. Four hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 362 Critical Writing (3 Credits)

Critical Writing (3) Writing course for students who wish to specialize in writing reviews of motion pictures, plays, concerts, art, and books for print and electronic media. Three hours of lecture per week. Offered as needed.

College/School: School of Communication

Department: Dept of Journalism

JOUR 430 Independent Study (3 Credits)

Independent Study (3) Independent study in history, ethics, practice, law, and aesthetics of journalism. Prerequisite: Consent of the instructor or Faculty Chair.

College/School: School of Communication

Department: Dept of Journalism

JOUR 431 Community News Operations (3 Credits)

Community News Operations (3) Planning and preparation of news, features, and editorials for the rural and urban community newspaper; emphasis on weekly publications; practical problems in community issues. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 432 Editorial Writing (3 Credits)

Editorial Writing (3) Training in editorial research and writing for print media. Three hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 and CM 332 and JOUR 130 and JOUR 132 and JOUR 234 and JOUR 238 and JOUR 253 or JOUR 332)

College/School: School of Communication

Department: Dept of Journalism

JOUR 433 Public Affairs Reporting (3 Credits)

Public Affairs Reporting (3) Advanced training and practice in reporting the affairs of municipal, county, state, and federal agencies. Three hours of lecture per week. Prerequisite: JOUR 332.

Prerequisite(s): (CM 130 and CM 200 and CM 332 and JOUR 130 and JOUR 132 and JOUR 234 and JOUR 238 and JOUR 332)

College/School: School of Communication

Department: Dept of Journalism

JOUR 435 Multimedia Graphic Designs (3 Credits)

Advanced Desktop Publishing / Multimedia Graphic Designs (3) Hands-on approach to designing publications using contemporary software and online graphic techniques. Emphasis placed on the use of up-to-date contemporary software products. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 437 Feature Writing (3 Credits)

Feature Writing (3) Researching and writing feature stories such as human interest stories and personal columns presented. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 438 Online Journalism II (4 Credits)

Online Journalism II (3) Advanced Training for online publications and broadcast using state-of-the-art software. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 443 Adv Broadcast News (4 Credits)

Advanced Broadcast News (4) Advanced training and practice in broadcast news production; emphasis on production of audition tape and portfolio-quality material. Four hours of lecture per week.

Prerequisite(s): (CM 130 and CM 200 and CM 332 and JOUR 130 and JOUR 132 and JOUR 238 and JOUR 242)

College/School: School of Communication

Department: Dept of Journalism

JOUR 450 Problems In Journalism (3 Credits)

Problems in Journalism (3) Problems of current concern in journalism; topics may vary according to time and instructor. May be repeated as topics change. Three hours of lecture per week. Prerequisites: Junior/senior standing and consent of the Faculty Chair.

College/School: School of Communication

Department: Dept of Journalism

JOUR 453 News Editing II (3 Credits)

News Editing II (3) Advanced training and practice in editing for specialty publications, book publishing, pagination, and other electronic editing techniques. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

JOUR 490 Media Management (3 Credits)

Media Management (3) Ownership, financing, structure of mass media organizations; management of editorial, program, administrative support, and advertising staffs; servicing and evaluating media audiences. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Journalism

JOUR 491 Critical Thinking (3 Credits)

Advertising and Public Relations Campaigns / Critical Thinking (3) Solutions to problems in advertising/public relations management; theories and research in persuasive campaigns; cases in advertising, public relations, political campaigns, and social change. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Journalism

Journalism (Advertising and Public Relations), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Code	Title	Hours
	General Education Core Curriculum (p. 88)	42
	Major Requirements (p. 88)	55
	Other Requirements (p. 88)	2
	Minor (p. 89)	21
	Total Hours	120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	

ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Journalism)

Code	Title	Hours
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
COMM 200	Intro to Media Research Tech	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 430	EXPERIENTIAL LEARNING	3
JOUR 132	Intro To Reporting	4
JOUR 232	Intro To Advertising	3
JOUR 234	Intro To Pub Rel	3
JOUR 235	Online Journalism	3
JOUR 238	Intermediate Reporting	4
JOUR 253	News Editing I	3
JOUR 331	Law & Ethics Of Journalism	3
JOUR 332	Advanced Reporting	4
JOUR 335	Computer Assisted Reporting	3
JOUR 356	Advertising & Pr Campaigns	3
JOUR 435	Multimedia Graphic Designs	3
JOUR Elective approved by the major advisor		3
Total Hours		55

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience ¹	1
Elective		1
Total Hours		2

¹ Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

Minor Requirements

Code	Title	Hours
Contact Department of choice after being admitted as a major in the Department		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CS 116	Intro To Compr Science I	3
Hours		16

Second Semester		
ENG 132	Freshman English II	3
Select one of the following: 3		
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
THEA 130	Introduction to Theatre	
MUSI 131	Introduction To Music	
GEOL 141	Introduction To The Earth	3
Select one of the following: 3		
PSY 131	General Psychology ¹	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
Hours		16

Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following: 3		
ENG 230	World Literature I ²	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
JOUR 132	Intro To Reporting	4
COMM 200	Intro to Media Research Tech	3
Hours		16

Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
JOUR 232	Intro To Advertising	3
JOUR 235	Online Journalism	3

JOUR 238	Intermediate Reporting	4
Hours		16

Third Year		
Fifth Semester		
JOUR 253	News Editing I	3
JOUR 234	Intro To Pub Rel	3
JOUR 331	Law & Ethics Of Journalism	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
Minor		3
Hours		15

Sixth Semester		
JOUR 335	Computer Assisted Reporting	3
JOUR 356	Advertising & Pr Campaigns	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
Minor		3
Hours		12

Fourth Year		
Seventh Semester		
Journalism Elective		3
COMM 430	EXPERIENTIAL LEARNING	3
JOUR 332	Advanced Reporting	4
JOUR 435	Multimedia Graphic Designs	3
Minor		3
Hours		16

Eighth Semester		
Minor		12
Elective		1
Hours		13
Total Hours		120

Journalism (Broadcast Journalism Concentration), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 89)		42
Major Requirements (p. 90)		74
Other Requirements (p. 90)		4
Minor (p. 90)		0
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3

Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Journalism)

Code	Title	Hours
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
COMM 200	Intro to Media Research Tech	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 430	EXPERIENTIAL LEARNING	3
JOUR 130	Intro To Journalism	3
JOUR 132	Intro To Reporting	4
JOUR 133	Intro to Broadcast News	4
JOUR 235	Online Journalism	3
JOUR 238	Intermediate Reporting	4
JOUR 242	Inter Broadcast News	4
JOUR 253	News Editing I	3
JOUR 331	Law & Ethics Of Journalism	3

JOUR 332	Advanced Reporting	4
JOUR 335	Computer Assisted Reporting	3
JOUR 443	Adv Broadcast News	4
RTF 131	Intro to Media Aesthetics	3
RTF 255	Introduction to Videography	4
RTF 268	Intro to Digital Video Editing	4
RTF 355	Television Production	4
RTF 360	Voice & Diction for Media Perf	4
Total Hours		74

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience ¹	1
Elective		3
Total Hours		4

¹ Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

Minor Requirements

A minor is not required

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
JOUR 130	Intro To Journalism	3
Hours		16

Second Semester

ENG 132	Freshman English II	3
Select one of the following:		3
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
THEA 130	Introduction to Theatre	
GEOL 141	Introduction To The Earth	3
Select one of the following:		3
PSY 131	General Psychology ¹	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
COMM 130	Introduction to Communication Studies	3
COMM 110	Speech Proficiency Lab	1
Hours		16

Second Year

Third Semester

POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following:		3
ENG 230	World Literature I ²	

ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
JOUR 132	Intro To Reporting	4
COMM 200	Intro to Media Research Tech	3
Hours		16
Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
CS 116	Intro To Compr Science I	3
JOUR 133	Intro to Broadcast News	4
JOUR 235	Online Journalism	3
Hours		16
Third Year		
Fifth Semester		
RTF 131	Intro to Media Aesthetics	3
RTF 255	Introduction to Videography	4
JOUR 238	Intermediate Reporting	4
JOUR 242	Inter Broadcast News	4
Hours		15
Sixth Semester		
JOUR 253	News Editing I	3
JOUR 331	Law & Ethics Of Journalism	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
RTF 360	Voice & Diction for Media Perf	4
Hours		13
Fourth Year		
Seventh Semester		
JOUR 332	Advanced Reporting	4
JOUR 335	Computer Assisted Reporting	3
RTF 268	Intro to Digital Video Editing	4
COMM 430	EXPERIENTIAL LEARNING	3
Hours		14
Eighth Semester		
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
JOUR 443	Adv Broadcast News	4
RTF 355	Television Production	4
Journalism Elective		3
Hours		14
Total Hours		120

Journalism (Print Journalism Concentration), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours	
General Education Core Curriculum (p. 91)			42
Major Requirements (p. 92)			55
Other Requirements (p. 92)			2
Minor (p. 92)			21
Total Hours			120

General Education Core Curriculum (Standard)¹

Code	Title	Hours	
Communication			
ENG 131	Freshman English I ²	3	
ENG 132	Freshman English II	3	
Mathematics			
MATH 133	College Algebra	3	
Life and Physical Sciences			
BIOL 143	Survey of Life Science	3	
GEOL 141	Introduction To The Earth	3	
Language, Philosophy, and Culture			
ENG 2XX ³		3	
Creative Arts			
Select one of the following: 3			
MUSI 136	Music Appreciation		
MUSI 239	Fine Arts In Daily Living		
THEA 130	Introduction to Theatre		
ART 135	Topics in Contemp Art & Cultur		
ART 137	Intro African Art		
American History			
HIST 231	Soc & Pol Hist US to 1877	3	
HIST 232	Soc & Pol Hist US Since 1877	3	
Government/Political Science			
POLS 235	American Government	3	
POLS 236	Texas Government	3	
Social and Behavioral Sciences			
Select one of the following: 3			
PSY 131	General Psychology		
SOC 157	Introduction To Sociology		
SOC 158	Contemporary Social Issues		
Institutional Options			
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3	
CS 116	Intro To Compr Science I	3	
Total Hours			42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Journalism)

Code	Title	Hours
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
COMM 200	Intro to Media Research Tech	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 430	EXPERIENTIAL LEARNING	3
JOUR 130	Intro To Journalism	3
JOUR 132	Intro To Reporting	4
JOUR 235	Online Journalism	3
JOUR 238	Intermediate Reporting	4
JOUR 253	News Editing I	3
JOUR 331	Law & Ethics Of Journalism	3
JOUR 332	Advanced Reporting	4
JOUR 335	Computer Assisted Reporting	3
JOUR 435	Multimedia Graphic Designs	3
Nine (9) Upper-level JOUR Elective credits approved by the major advisor		9
Total Hours		55

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience ¹	1
Elective		1
Total Hours		2

¹ Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

Minor Requirements

Code	Title	Hours
Contact Department of choice after being admitted as a major in the Department		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
JOUR 130	Intro To Journalism	3
Hours		16
Second Semester		
ENG 132	Freshman English II	3
Select one of the following:		3
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	

THEA 130	Introduction to Theatre	
GEOL 141	Introduction To The Earth	3
Select one of the following:		3
PSY 131	General Psychology ¹	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
Hours		16

Second Year

Third Semester

POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following:		3
ENG 230	World Literature I ²	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
JOUR 132	Intro To Reporting	4
COMM 200	Intro to Media Research Tech	3
Hours		16

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
CS 116	Intro To Compr Science I	3
JOUR 235	Online Journalism	3
JOUR 238	Intermediate Reporting	4
Hours		16

Third Year

Fifth Semester

JOUR 253	News Editing I	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
JOUR 331	Law & Ethics Of Journalism	3
Minor		6
Hours		15

Sixth Semester

JOUR 335	Computer Assisted Reporting	3
Journalism Elective		3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
Journalism Elective		3
Minor		3
Hours		15

Fourth Year

Seventh Semester

COMM 430	EXPERIENTIAL LEARNING	3
Journalism Elective		3
JOUR 332	Advanced Reporting	4
JOUR 435	Multimedia Graphic Designs	3
Hours		13

Eighth Semester

Minor		12
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Elective	1
Hours	13
Total Hours	120

Journalism, Minor

For a minor in Journalism, twenty-three (23) semester credit hours are required through enrollment in the following courses:

Code	Title	Hours
JOUR 130	Intro To Journalism	3
JOUR 132	Intro To Reporting	4
JOUR 238	Intermediate Reporting	4
JOUR 253	News Editing I	3
Nine (9) additional JOUR credits of choice, all of which must be at the 300-level or 400-level.		9
Total Hours		23

Department of Radio, Television and Film (RTF), and Entertainment & Recording Industry Management (ERM) Program

Mission, Goals, and Objectives

The Radio, Television, and Film Department faculty and Dean developed its initial mission and goals with the founding of the Department in 1973. Over the years these goals and objectives underwent frequent revisions to align them with the Department's curriculum. The last major revision of the Department's curriculum was in 2013 which resulted in the addition of several courses in digital filmmaking, documentary and postproduction (see Appendix). The mission of the RTF Department is to educate professionals to a high level of excellence in the production and critical studies of radio, television, film and new media.

The Radio, Television and Film program at Texas Southern University engages students in the production and critical studies of radio, television, film and new media. We offer our students a balanced curriculum that provides integrated study and training in the art and business of the electronic media. The Bachelor of Arts program in Radio, Television and Film combines 60 credit hours of a broad general education with 61 credit hours of required, related and free electives that each student can shape toward their individual educational goals within the major.

The Production emphasis blends practical, hands-on learning with a firm grounding in the aesthetics, history and craft of media production. The Media Studies emphasis blends practical research and writing skills with the study of the history, evolution and business practices of the electronic media.

With programs that combine a strong liberal arts framework with the latest media technology, our students are taught to think critically as they explore countless opportunities to express themselves creatively and prepare for professional careers as the next generation of communication leaders.

Students in the Department of Radio, Television and Film engage, learn and achieve. Texas Southern University students' productions have won over 10 local, regional, and national awards since 2010.

The Entertainment and Recording Industry Management Program

The Entertainment and Recording Industry Management degree was offered as an independent degree in the Fall of 2014, with a required minor in one of the following areas:

- Music;
- Business Administration;
- Accounting;
- Finance;
- Human Performance;
- Radio,
- Television, and
- Film;
- Social Sciences, or
- any minor approved by the academic advisor.

Qualified transfer students may transfer up to thirty (30) credit hours from a degree program from a community college or an accredited institution in any technical area related to Entertainment and the Recording Industry in lieu of declaring a minor.

Our students have access to a rich variety of resources including:

- Award-winning faculty who are industry experts, working professionals, and accomplished scholars, including local and regional award winners, documentary and feature filmmakers, radio personalities, writers, editors, and producers.
- State-of-the-art television, film and radio facilities including radio station, KTSU 90.9 FM Radio (The Choice), in which to work and learn, as early as the first year
- Unparalleled real-world experience on and off-campus, including hundreds of internship opportunities within 30 miles of Houston, the 4th largest city and 8th largest media market in the U.S.
- Selecting a specialty is not required for students seeking a degree in Radio, Television, and Film. In consultation with academic advisors, students may select a combination of radio, television, and film courses (RTF electives only) that are available in the current inventory of courses. Degree plans with and without a minor are available for students interested in radio, television, and film. The Department currently requires six course (21 credit hours) to complete a minor.
- Entertainment and the Recording Industry Management, Bachelor of Arts (p. 97)
- Entertainment and the Recording Industry Management, Minor (p. 99)
- Radio, Television and Film, Minor (p. 99)
- Radio, Television, and Film with Minor Option, Bachelor of Arts (p. 100)
- Radio, Television, and Film Without Minor Option, Bachelor of Arts (p. 101)

Radio, Television, and Film Courses

RTF 111 Intro Seminar In Telecomm I (1 Credits)

College/School: School of Communication

Department: School of Communication

RTF 112 Intro Seminar In Telecomm II (1 Credits)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 130 Introduction to Media Studies (3 Credits)

Introduction to Media Studies (3) Survey of history, theories, aesthetics, cultural, political, economic, and international characteristics of mass media in society. Three hours of lecture per week.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 131 Intro to Media Aesthetics (3 Credits)

Introduction to Media Aesthetics and Production (3) Basic information including theories, aesthetics and skills required to equip students to communicate through audiovisual media. Four hours of lecture per week with studio and field hours to be arranged.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 135 Introduction to Photography (4 Credits)

Introduction to Photography (4) A hands-on introductory course covering the principles of photography using a 35 mm or digital camera. Four hours of lecture per week with studio and field hours to be arranged.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 231 Intro to Media Aesthetics (4 Credits)

Introduction to Media Production (4) Basic information, skills, and theories required to equip students to communicate through audiovisual media. Lectures and practical applications. Four hours of lecture per week with studio hours to be arranged. Required of all students in the production area. Prerequisite: RTF 230.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 231L Production Laboratory (0 Credits)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 240 Introduction to Film (3 Credits)

Introduction to Film (3) A survey of the history of film and its development from 1800's to present. Major contributors to its development will be examined. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131.

Prerequisite(s): (RTF 130 and RTF 131)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 250 Film Industry (3 Credits)

Film Industry (3) A survey of the business of motion picture industry and its economic structure. The course covers the processes involved in making studio and independent films. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131.

Prerequisite(s): (RTF 130 and RTF 131)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 255 Introduction to Videography (4 Credits)

Introduction to Videography (4) Students will be introduced to digital video camera techniques in shooting professional quality videos. Includes location shoots and practice. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 131.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 268 Intro to Digital Video Editing (4 Credits)

Introduction to Digital Video Editing (4) A survey of the principles of editing for effective storytelling. The current tools and techniques used in the industry will be discussed. Students will use a variety of professional applications to improve their editing skills. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 131.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 299 Independent Internship (1 Credits)

Independent Internship (1) Allows students to intern in a professional setting to earn experience as they embark on their academic careers. Students are responsible for their own placement depending on their career interests. This is an unsupervised internship. One credit hour per semester. Prerequisite: Consent of the instructor and academic advisor. MAY BE REPEATED TWICE.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 331 Media Analysis and Criticism (3 Credits)

Media Analysis and Criticism (3) Same as JOUR 362. Analysis of critical methods for electronic media and film as a segment of mass culture. Focus on selected television content and selected critics. Three hours of lecture per week. Prerequisites: RTF 130 and RTF 131.

Prerequisite(s): (RTF 130 and RTF 131)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 335 Writing For Elec Media & Film (3 Credits)

Writing for Electronic Media and Film (3) Development of skills and practice in the art of script writing for broadcast, film, and multimedia. Writing and evaluation of many short scripts required. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131 and RTF 135.

Prerequisite(s): (RTF 230 or TC 230) and (RTF 231 or TC 231) and (RTF 130 and RTF 131)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 340 Digital Effects for Film&Video (4 Credits)

Digital Effects for Film and Video (4) Techniques in creating complex visual effects for film and video using the latest effect creation applications. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 130, RTF 131, RTF 135, RTF 255, and RTF 268. May be repeated once.

Prerequisite(s): (RTF 130 and RTF 131 and RTF 135 and RTF 255)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 344 Media Management & Marketing (3 Credits)

Media Management and Marketing (3) Introduction to the basic elements involved in the day-to-day operation of various electronic media, including broadcast radio and television stations and cable. Three hours of lecture per week. Prerequisites: RTF 130 and RTF 131.

Prerequisite(s): (RTF 230 or TC 230) and (RTF 231 or TC 231) and (RTF 130 and RTF 131)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 345 Prod Media For the Web&Beyond (4 Credits)

Producing Media for the Web and Beyond (4) Tools and techniques in developing material for the Web and the new media including the latest applications in streaming media technologies. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 130, RTF 131, RTF 135, RTF 255, and RTF 268. May be repeated once.

Prerequisite(s): RTF 130 and RTF 131 and RTF 135 and RTF 255 and RTF 335

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 352 Intro to Documentary Film (3 Credits)

Introduction to Documentary Film (3) A survey of documentary filmmaking in the United States and the world. Covers structure, forms, theories and marketing of documentaries. Includes screening and analysis of significant documentary films and the process of producing documentaries. Three hours of lecture per week. Prerequisites: RTF 131.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 353 Digital film Production 1 (4 Credits)

Digital Film Production I (4) A hands-on, introductory course to digital filmmaking using new digital video equipment. Includes scriptwriting, producing, directing and editing a number of shorts using digital video cameras and editing applications such as Avid and Final Cut Pro. Students are responsible for materials used in the course. The School will provide equipment only. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 130, RTF 131, RTF 135, RTF 255 and RTF 335.

Prerequisite(s): RTF 131 and RTF 130 and RTF 135 and RTF 255 and RTF 335

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 355 Television Production (4 Credits)

Television Production (4) Introduction to the process of producing programs for television and broadcast news using multi-camera studio production techniques. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 131. May be repeated once.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 358 Digital Film & Video (4 Credits)

Digital Film and Video Postproduction (4) Tools and techniques in advanced video editing using state of the art applications. Includes both image and sound editing techniques. Topics may vary depending on the applications. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 130, RTF 131, RTF 255, RTF 268. May be repeated twice.

Prerequisite(s): RTF 130 and RTF 131 and RTF 255 and RTF 355 and RTF 362

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 360 Voice & Diction for Media Perf (4 Credits)

Voice and Diction for Media Performance (4) Beginner's voice training for professional performance in radio, film, television and the news media. Includes resonance and articulation, phonation, and posture/relaxation. Emphasis will be on using Standard American diction. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 131. May be repeated once.

Prerequisite(s): RTF 130 and RTF 131

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 361 Intro to Radio Operations (4 Credits)

Introduction to Radio Operations (4) Tools and techniques in modern digital radio operation using KTSU radio station facilities. Includes instructions for acquiring effective techniques for on-air delivery of interviews, news, sports, etc. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 131. May be repeated once.

Prerequisite(s): RTF 130 and RTF 131

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 362 Film and Television Sound (4 Credits)

Film and Television Sound (4) The theory and techniques of designing sound for film and television. The course covers the role of sound in effective storytelling. The topics may include location and studio recording, Foley and dialog replacement techniques, as well as CONCENTRATIONS mixing. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 130, RTF 131.

Prerequisite(s): RTF 130 and RTF 131 and RTF 255 and RTF 352 and RTF 353

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 368 Field Video Production I (3 Credits)

Field Video Production I (4) Introduction to principles and procedures in field production with focus on the competent use of equipment in the field. Four hours of lecture per week with studio hours to be arranged. Prerequisites: RTF 230 and RTF 231.

Prerequisite(s): (RTF 230 or TC 230) and (RTF 231 or TC 231)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 371 Studies in Film History (3 Credits)

Studies in Film History (3) Critical assessment of theory and technique of film communication with focus on major genres, periods, movement, and personalities in national and international film history. Three hours of lecture per week with one two-hour film screening each week as required by the topic. Prerequisites: RTF 130, RTF 131 and consent of the instructor.

Prerequisite(s): (RTF 230 or TC 230) and (RTF 231 or TC 231)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 380 Producing (3 Credits)

Producing (3) The process of creating a television program or developing a film project. Student will learn the complexities of dealing with the industry through negotiation with the decision makers as sponsors, network or film industry. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131, RTF 135, RTF 255, RTF 335.

Prerequisite(s): RTF 130 and RTF 131 and RTF 135 and RTF 255 and RTF 335

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 381 Broadcast Responsibilities (3 Credits)

Broadcast Responsibilities (3) Same as JOUR 331. Examination of the legal, economic, and social responsibilities and requirements that must be satisfied by print, electronic media, and cable operators in the United States. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131 and RTF 344.

Prerequisite(s): (RTF 230 or TC 230 and RTF 231 or TC 231 and RTF 344 or TC 344)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 382 Film and Video Lighting (4 Credits)

Film and Video Lighting (4) Lighting techniques for film and video using a variety of lighting instruments. Lighting aesthetics for film and video will be explored through demonstration and hands-on practice. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 130, RTF 131, RTF 255, and RTF 268.

Prerequisite(s): RTF 130 and RTF 131 and RTF 255 and RTF 352 and RTF 353

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 391 Broadcast Programming (3 Credits)

Broadcast Programming (3) Examination of the theory and practice of broadcast programming with special consideration of the decision-making process, social applications, current trends, philosophies, and audience research. Three hours of lecture per week. Prerequisites: RTF 230, RTF 231 and RTF 344.

Prerequisite(s): (RTF 230 or TC 230 and RTF 231 or TC 231 and RTF 344 or TC 344)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 430 Independent Study (3 Credits)

Independent Study (3) Independent study in the history, economics, production, and management of print and/or electronic media. Three hours of lecture per week. Prerequisites: Upper-level standing and consent of the instructor and academic advisor.

Prerequisite(s): (RTF 230 or TC 230 and RTF 231 or TC 231 and RTF 331 or TC 331 and RTF 344 or TC 344)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 435 Adv Media Writing (3 Credits)

Advanced Writing for Electronic Media and Film (3) Advanced work in coaching students through the process of developing complete proposals from script to screen. Includes writing concepts, treatments, scripts, and .planning and marketing strategies for various media projects. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131, RTF 135, RTF 255 and RTF 335.

Prerequisite(s): (RTF 230 or TC 230 and RTF 231 or TC 231 and RTF 335 or TC 335) and RTF 131 and RTF 135 and RTF 255

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 438 Media and Society (3 Credits)

Media and Society (3) Critical assessment of media on society with focus on special topics related to media in cultural contexts. May be repeated as topics vary. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131 and RTF 331.

Prerequisite(s): (RTF 230 or TC 230 and RTF 231 or TC 231 and RTF 331 or TC 331)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 440 Electronic Media Management (3 Credits)

Electronic Media Management (3) Study of the ownership, financing, and structure of mass media organizations; management of editorial, program, administrative, support, and advertising staffs; servicing and evaluating media audiences. Three hours of lecture per week. Prerequisites: RTF 230, RTF 231 and RTF 344.

Prerequisite(s): (RTF 230 or TC 230 and RTF 231 or TC 231 and RTF 344 or TC 344)

College/School: School of Communication

Department: School of Communication

RTF 442 Seminar in Elec Media Mgmt (3 Credits)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 445 Seminar in Media Marketing (3 Credits)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 450 Issues in Media Studies (3 Credits)

Issues in Telecommunications (3) Same as JOUR 450. Advanced problems in mass communication studies, communication technologies, and international communication with special consideration of current concerns in electronic media production. Topics vary from semester to semester. Three hours of lecture per week. Prerequisite: RTF 230, RTF 231, RTF 344, upper level standing and consent of the instructor.

Prerequisite(s): (RTF 344 or TC 344) and RTF 130 and RTF 131 and RTF 381

College/School: School of Communication

Department: (R)Tavis Smiley Sch of Comm.

RTF 452 Documentary Production (4 Credits)

Documentary Production (4) The course will cover proposal writing, research, shooting, editing and packaging of short documentaries. This is a hands-on course that requires outside class involvement. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 131, RTF 255, RTF 268.

Prerequisite(s): RTF 130 and RTF 131 and RTF 135 and RTF 255 and RTF 268 and RTF 352 and RTF 353 and RTF 382

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 453 Digital Film Production II (4 Credits)

Digital Film Production II (4) An advanced film production course using HD camera gear. Students will shoot a number of short assignments, either fiction or documentary, and edit them on Avid or Final Cut Pro. Post-production support for sound mixing will be provided. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 130, RTF 131, RTF 135, RTF 255 and RTF 268 with a grade of B or better.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 460 Advanced Voice Training (4 Credits)

Advanced Voice Training (4) Advanced voice training for professional careers in media performance using various training techniques. KTSU personalities may coach students. Designed for students interested in careers in radio, TV, commercials, spokespersons, etc. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 130, RTF 131, RTF 360. May be repeated once.

Prerequisite(s): RTF 130 and RTF 131 and RTF 375

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 461 Radio Programming & Production (4 Credits)

Radio Programming and Production (4) Advanced techniques in operation, programming and special productions for radio for students seeking careers in professional radio. Students will be actively integrated into daily operation of the KTSU radio station located on campus under the supervision of the instructors and mentors. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites RTF 130, RTF 131, RTF 361. May be repeated once.

Prerequisite(s): RTF 130 and RTF 131 and RTF 378

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 462 New Communications Technology (3 Credits)

New Communications Technologies (3) Examination of applications and potential effects of new media and information technologies in the home and workplace and for education and social services with their relation to existing systems. May be repeated as topics vary. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131, RTF 344, RTF 381 and consent of the instructor.

Prerequisite(s): (RTF 344 or TC 344) and RTF 130 and RTF 131 and RTF 381

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 470 Directing Film and Television (4 Credits)

Directing Film and Television (4) The course covers the all aspects of directing film for theatrical release or television. Includes subjects from script analysis to pre-production planning, from casting and rehearsing to working with the technical crew to create a vision, and finally how to work with an editor to complete a project. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: RTF 130, RTF 131, RTF 135, RTF 255, or RTF 353 and RTF 268. (Enrollment in THC 431 or a similar course, in which student direct actors, is strongly recommended before taking this course.

Prerequisite(s): RTF 130 and RTF 131 and RTF 135 and RTF 255 and RTF 352 and RTF 353 and RTF 362 and THC 431

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 475 Advanced Media Performance (3 Credits)

Advanced Media Performance (4) Advanced work in the theory, principles, and practices of digital audio production with emphasis on aspects of studio and field digital audio production and voice performance. Topics vary from semester to semester. Four hours of lecture per week with studio hours to be arranged. Prerequisites: RTF 230, RTF 231, RTF 375, upper-level standing, and consent of the instructor.

Prerequisite(s): (RTF 375 or TC 375)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 478 Advanced Radio Operations (3 Credits)

Advanced Radio Operations (4) Advanced theory and practice of directing, producing, and performing for radio. Four hours of lecture per week with studio hours to be arranged. Prerequisites: RTF 230, RTF 231, RTF 378, upper-level standing, and consent of the instructor.

Prerequisite(s): (RTF 378 or TC 378)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 480 Film Marketing & Distribution (3 Credits)

Film Marketing and Distribution (3) An examination of all aspects of film sales, a very important part of the film industry, and the techniques of having a successful career in this field. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131, RTF 344, RTF 381.

Prerequisite(s): (RTF 130 and RTF 131 and RTF 344 and RTF 381)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 481 Media Sales (3 Credits)

Media Sales (3) Covers a variety of topics in one the most important aspects of media functions. Students will learn the process of selling advertising for electronic media. Market analysis, audience measurement and ad placement will be analyzed. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131, RTF 344, RTF 381 and consent of the instructor. May be repeated once.

Prerequisite(s): (RTF 130 and RTF 131 and RTF 344 and RTF 381)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 498 Pers Natl & Intl Broadcasting (3 Credits)

International Communication (3) Comparative study of domestic and international systems of broadcasting with focus on political, social, cultural, and economic factors affecting the use and impact of new and old communication technologies. Topics vary from semester to semester. Three hours of lecture per week. Prerequisites: RTF 130, RTF 131, RTF 344, RTF 381 and consent of the instructor.

Prerequisite(s): (RTF 344 or TC 344)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 499 Master Project (4 Credits)

Master Projects for Professional Portfolios (4) Professional quality production projects, or comprehensive proposal development for projects in radio, television, film or multimedia, to support student job search portfolio. Four hours of lecture per week with studio and field hours to be arranged. Prerequisites: Upper-level standing and consent of the instructor.

Prerequisite(s): (RTF 130 and RTF 131 and RTF 135 and RTF 255 and RTF 335 and RTF 352 or RTF 353 and RTF 452 or RTF 453 and RTF 465 and RTF 240 and RTF 250 and RTF 378 and RTF 362 and RTF 375 and RTF 475 and RTF 478)

College/School: School of Communication

Department: Dept of Radio, TV and Film

Entertainment and the Recording Industry Management, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 97)	42
	Major Requirements (p. 98)	52
	Other Requirements (p. 98)	0-5
	Minor (p. 98)	21-27
	Total Hours	120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
	Communication	
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3

Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Entertainment & Recording)

Code	Title	Hours
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
COMM 200	Intro to Media Research Tech	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 430	EXPERIENTIAL LEARNING	3
ERM 130	Intro to Recording Industry	3
ERM 205	Intro to Enter Business Fin	3
ERM 210	Inintro to Enter Prod Tool	4
ERM 305	Ethnic Entertainment	3
ERM 310	Publishing and Media Policy	3
ERM 320	Artist Management	3
ERM 330	Business Devel & Portfolio	3
ERM 410	Advanced Enter Prod Techniques	4

ERM 420	Merchandizing and Branding	3
ERM 450	Entertainment Management	3
ERM 499	Master Project	4
Total Hours		52

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience ¹	1
Elective		4
Total Hours		5

¹ Transfer students can substitute FS 102 Freshman Seminar/ first Year Experience with any course to complete the total credit hours required for graduation by their degree plan.

Minor

Code	Title	Hours
Select one of the following areas: Music, Business Administration, Accounting, Finance, Human Performance, Radio, Television & Film, Social Sciences, or Approved Minor by the academic advisor or transfer up to 30 credit hours from a degree program from a community college or an accredited Institution in any technical area related to entertainment and the recording industry		21-27
Total Hours		21-27

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
ART 139 or CS 116	African-American Art & Culture or Intro To Compr Science I	3
Hours		16

Second Semester		
ENG 132	Freshman English II	3
GEOL 141	Introduction To The Earth	3
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
ERM 130	Intro to Recording Industry	3
COMM 130	Introduction to Communication Studies	3
COMM 110	Speech Proficiency Lab	1
Hours		16

Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following:		3

ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
COMM 200	Intro to Media Research Tech	3
MUSI 239	Fine Arts In Daily Living	3

Hours	15
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Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ERM 205	Intro to Enter Business Fin	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
Elective		2

Hours	14
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Third Year**Fifth Semester**

ERM 210	Intro to Enter Prod Tool	4
ERM 305	Ethnic Entertainment	3
COMM 330	PROFESS DEVELOPMENT & ETHIC	3
ERM 310	Publishing and Media Policy	3
Minor		3

Hours	16
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Sixth Semester

ERM 320	Artist Management	3
COMM 430	EXPERIENTIAL LEARNING	3
ERM 330	Business Devel & Portfolio	3
Minor		3
Minor		3

Hours	15
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Fourth Year**Seventh Semester**

ERM 410	Advanced Enter Prod Techniques	4
ERM 420	Merchandizing and Branding	3
Minor		3
Minor		3
Elective		2

Hours	15
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Eighth Semester

Minor		3
Minor		3
ERM 450	Entertainment Management	3
ERM 499	Master Project	4

Hours	13
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Total Hours	120
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¹ ART 135 Topics in Contemp Art & Cultur; ART 137 Intro African Art; THEA 130 Introduction to Theatre

² ENG 230 World Literature I ENG 231 World Literature II; ENG 235 American Literature; ENG 244 African-American Literature

Entertainment and the Recording Industry Management, Minor

For a minor in Entertainment and the Recording Industry Management (beginning Fall 2014), twenty two (22) semester credit hours are required through enrollment in the following courses:

Code	Title	Hours
ERM 130	Intro to Recording Industry	3
ERM 205	Intro to Enter Business Fin	3
ERM 210	Intro to Enter Prod Tool	4
ERM 310	Publishing and Media Policy	3
ERM 320	Artist Management	3
ERM 420	Merchandizing and Branding	3
ERM 450	Entertainment Management	3

Total Hours	22
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Radio, Television and Film, Minor

For a minor in Radio, Television and Film: Minor in RTF could be selected from a combination of courses in radio, TV and film, or specifically from a specialty:

General RTF minor, twenty-one (21) credit hours:

Code	Title	Hours
RTF 130	Introduction to Media Studies	3
RTF 131	Intro to Media Aesthetics	3
RTF 331	Media Analysis and Criticism	3
RTF 344	Media Management & Marketing	3
(8) additional credit hours from the RTF course listing		8

Total Hours	20
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In selecting the electives, please adhere to course pre-requisite requirements. Consult your academic advisor in selecting elective courses.

Suggestions for students interested in a specific specialty:

Minor in Radio, twenty-one (21) semester credit hours:

Code	Title	Hours
RTF 130	Introduction to Media Studies	3
RTF 131	Intro to Media Aesthetics	3
RTF 331	Media Analysis and Criticism	3
RTF 344	Media Management & Marketing	3
RTF 360	Voice & Diction for Media Perf	4
RTF 361	Intro to Radio Operations	4

Total Hours	20
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Minor in Television, twenty-one (21) semester credit hours:

Code	Title	Hours
RTF 130	Introduction to Media Studies	3
RTF 131	Intro to Media Aesthetics	3
RTF 331	Media Analysis and Criticism	3
RTF 344	Media Management & Marketing	3

RTF 353	Digital film Production 1	4
RTF 355	Television Production	4
Total Hours		20

Minor in Film, twenty-five (25) semester credit hours:

Code	Title	Hours
RTF 130	Introduction to Media Studies	3
RTF 131	Intro to Media Aesthetics	3
RTF 240	Introduction to Film	3
RTF 250	Film Industry	3
RTF 331	Media Analysis and Criticism	3
RTF 344	Media Management & Marketing	3
RTF 353	Digital film Production 1	4
Total Hours		22

Students seeking to pursue a major or minor offered through the School must complete the following courses with grades of "C" or better (grades of "C-" are unacceptable): ENG 131 Freshman English I, ENG 132 Freshman English II, and COMM 130 Introduction to Communication Studies (majors only). Students must also complete introductory course(s) for the chosen degree and concentration with grades of "C" or better (grades of "C-" are unacceptable): JOUR 130 Intro To Journalism and JOUR 132 Intro To Reporting for the Journalism degree; JOUR 132 Intro To Reporting only for the Advertising and Public Relations concentration; COMM 136 PUBLIC ADDRESS for the Speech Communication degree; and RTF 130 Introduction to Media Studies and RTF 131 Intro to Media Aesthetics for the Radio, Television and Film degree. In addition, students are responsible for verifying their compliance with ASSET requirements and their removal of any academic deficiencies previously identified by the university. Each student is assigned an official advisor and is expected to keep the School informed of address and telephone number changes up to the time of graduation.

In summary, an interested student must:

1. **first gain admission to the university;**
2. **meet his or her ASSET responsibility;**
3. **eradicate identified academic deficiencies.**

Once admitted, each student is provided with extensive advisement before and during progression toward the completion of degree requirements. Questions may be directed to the School of Communication Student Services Center at (713)-313-7670. The School of Communication Student Services Center is located in 216 MLK Building. The Dean's Office is located in 222 MLK Building.

Radio, Television, and Film with Minor Option, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 100)	42
	Major Requirements (p. 100)	54
	Other Requirements (p. 101)	3

Minor (p. 101)	21
Total Hours	120

General Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
THEA 130	Introduction to Theatre	
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Radio, Television, and Film)

Code	Title	Hours
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
COMM 200	Intro to Media Research Tech	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 430	EXPERIENTIAL LEARNING	3

RTF 130	Introduction to Media Studies	3
RTF 131	Intro to Media Aesthetics	3
RTF 135	Introduction to Photography	4
RTF 331	Media Analysis and Criticism	3
RTF 335	Writing For Elec Media & Film	3
RTF 344	Media Management & Marketing	3
RTF 438	Media and Society	3
RTF 499	Master Project	4
Twelve (12) credits of RTF electives or courses in a specific concentration approved by major advisor		12
Total Hours		54

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
Elective		2
Total Hours		3

¹ Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

Note: In selecting RTF electives, adhering to prerequisite requirements is mandatory.

Minor

Code	Title	Hours
Select 21 credit hours		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 130	Introduction to Communication Studies	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Hours		16
Second Semester		
ENG 132	Freshman English II	3
Select one of the following:		3
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
THEA 130	Introduction to Theatre	
GEOL 141	Introduction To The Earth	3
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
CS 116	Intro To Compr Science I	3

COMM 110	Speech Proficiency Lab	1
Hours		16

Second Year

Third Semester

POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following: ²		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
RTF 130	Introduction to Media Studies	3
COMM 200	Intro to Media Research Tech	3
Hours		15

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
RTF 131	Intro to Media Aesthetics	3
RTF 135	Introduction to Photography	4
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
Hours		16

Third Year

Fifth Semester

COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
RTF 331	Media Analysis and Criticism	3
RTF 335	Writing For Elec Media & Film	3
RTF 344	Media Management & Marketing	3
Hours		12

Sixth Semester

Approved Upper-Level RTF Electives		12
Electives		2
Hours		14

Fourth Year

Seventh Semester

COMM 430	EXPERIENTIAL LEARNING	3
Minor		3
Minor		3
RTF 438	Media and Society	3
RTF 499	Master Project	4
Hours		16

Eighth Semester

Minor		15
Hours		15
Total Hours		120

Radio, Television, and Film Without Minor Option, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 102)		42
Major Requirements (p. 102)		75
Other Requirements (p. 102)		3
Minor Requirements (p. 102)		0
Total Hours		120

General Education Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Select one of the following:		3
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
THEA 130	Introduction to Theatre	
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Institutional Options		
CS 116	Intro To Compr Science I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Radio, Television, and Film)

Code	Title	Hours
COMM 110	Speech Proficiency Lab	1
COMM 130	Introduction to Communication Studies	3
COMM 200	Intro to Media Research Tech	3
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
COMM 430	EXPERIENTIAL LEARNING	3
RTF 130	Introduction to Media Studies	3
RTF 131	Intro to Media Aesthetics	3
RTF 135	Introduction to Photography	4
RTF 331	Media Analysis and Criticism	3
RTF 335	Writing For Elec Media & Film	3
RTF 344	Media Management & Marketing	3
RTF 438	Media and Society	3
RTF 499	Master Project	4
Thirty-three (33) credits of RTF electives or courses in a specific concentration approved by the major advisor		33
Total Hours		75

Note: In selecting RTF electives, adhering to prerequisite requirements is mandatory.

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
Elective		2
Total Hours		3

¹ Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

Minor

No minor required.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	COMMUNICATION or PUBLIC ADDRESS	
COMM 130	Introduction to Communication Studies	3
Hours		16

Second Semester

ENG 132	Freshman English II	3
Select one of the following:		3
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
THEA 130	Introduction to Theatre	

GEOL 141	Introduction To The Earth	3
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
CS 116	Intro To Compr Science I	3
COMM 110	Speech Proficiency Lab	1
Hours		16

Second Year**Third Semester**

POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
RTF 130	Introduction to Media Studies	3
COMM 200	Intro to Media Research Tech	3
Hours		15

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
RTF 131	Intro to Media Aesthetics	3
RTF 135	Introduction to Photography	4
COMM 330	PROFFESS DEVELOPMENT & ETHIC	3
Hours		16

Third Year**Fifth Semester**

COMM 332	COMPUTER APPLICATIONS IN COMMUNICATION	3
RTF 331	Media Analysis and Criticism	3
RTF 335	Writing For Elec Media & Film	3
RTF 344	Media Management & Marketing	3
Hours		12

Sixth Semester

Approved Upper-Level RTF Electives		15
Hours		15

Fourth Year**Seventh Semester**

COMM 430	EXPERIENTIAL LEARNING	3
Approved Upper-Level RTF Elective(s)		3
RTF 438	Media and Society	3
RTF 499	Master Project	4
Electives		3
Hours		16

Eighth Semester

Approved Upper-Level RTF Electives		15
Hours		15
Total Hours		121

College of Education

The College of Education consists of four instructional departments:

- Counseling,
- Curriculum and Instruction,
- Educational Administration, and
- Foundations and Health and Kinesiology

through which four undergraduate degrees and six graduate degrees are offered.

The four undergraduate degrees are the:

- Bachelor of Science (B.S.) in Interdisciplinary Studies,
- the Bachelor of Science (B.S.) in Health Studies,
- the Bachelor of Science (B.S.) in Kinesiology, and
- the Bachelor Science (B.S.) in Sport Management.

The six graduate degrees are:

- the Master of Education (M.Ed.) in Counselor Education,
- the Master of Education (M.Ed.) in Educational Administration,
- the Master of Science (M.S.) in Health and Human Performance,
- the Master of Education (M.Ed.) in Curriculum and Instruction, and
- the Doctor of Education (Ed.D.).

The Master of Education (M.Ed.) in Curriculum and Instruction is offered with specializations in:

- Bilingual Education,
- Early Childhood Education,
- Reading Education,
- English,
- Mathematics,
- Science, and
- Special Education.

Two of the departments in the College, the Department of Educational Administration and Foundations and the Department of Counseling, are unique at the University in that they offer graduate level degrees only.

Students who are interested in obtaining detailed information about the graduate degrees offered through the College, as well as more information about the Department of Educational Administration and Foundations and the Department of Counseling, should consult the Graduate School Bulletin of Texas Southern University.

The College is organized with a Dean, an Associate Dean, an Assistant Dean, and four Department Chairs. The Dean, Associate Dean, Assistant Dean and Department Chairs are housed in the Roderick R. Paige Education Building with the exception of the Chair of the Department of Health and Kinesiology, who is located in Room 103 of the Health and Physical Education Building. The Dean's Office is located in the Roderick R. Paige Education Building, Room 240.

The Director of Field Experiences & Clinical Practice and the Director of Certification are housed in the Roderick R. Paige Education Building, Room 100 and share the same office suite. Students interested in applying for the Educator Preparation Program should obtain application forms from the Office of Curriculum and Instruction, Room 204 and apply online at tsu.educatortracking.com. Students interested in

applying to take the Texas Examination for Educator Standards (TEXES) should contact the Coordinator of Testing in Room 251. Students who seek to apply for Clinical Practice II and be recommended for teacher certification should contact the Director of Field Experiences and Director of Certification. These offices may also be reached by calling (713) 313-7434.

A limited number of scholarships may be available for candidates who are preparing for the teaching field. Interested candidates should contact the Office of the Dean for details.

Mission Statement

The mission of the College of Education *is to provide competent professionals for effective service in urban schools, agencies and other entities using research and collaboration in seeking solutions to teaching, learning, and behavioral challenges facing urban populations.* The COE is committed to preparing candidates to become effective professionals who will be caring, competent, committed, and culturally responsive, with a focus on the preparation of educators for urban school settings.

Admission Information

Admission to the College of Education's Educator Preparation Program is governed by the following criteria:

1. Completion of the Educator Preparation Program applications, online (tsu.educatortracking.com (http://tsu.educatortracking.com)) and hard copy.
2. Submission of an official transcript from Texas Southern University reflecting the most recent semester enrolled prior to the date of the application.
3. Completion of the core requirements of forty-two (42) semester credit hours and those identified in the degree plan.

Code	Title	Hours
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
ENG 230	World Literature I	3
BIOL 143	Survey of Life Science	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
GEOL 141	Introduction To The Earth	3
	Select one of the following:	3
MATH 133	College Algebra	
MATH 235	Str & App of Numb Sys	
MATH 236	Fnds of Geom, Stat & Pro	
	Three (3) hours of Fine Arts (Music, Art, or Theatre)	3
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 235	American Government	3
POLS 236	Texas Government	3
PSY 131	General Psychology	3
EDCI 210	Ins Tec	3
	Nine (9) hours of electives as recommended by the Academic Advisor ¹	9
Total Hours		51

¹ Electives are chosen from the following subjects: Freshman Seminar, Mathematics, Health, Special Education, Kinesiology, Instructional Technology

4. Submission of the degree plan, signed by the advisor, and department chairperson in the area for which certification is sought.
5. A minimum overall grade point average (GPA) of 3.0. and all content-related courses completed with grades of "B" or better (**grades of "C-" are unacceptable**).
6. Submission of verification that the student is TSI complete has been met. **Applicants for the Educator Preparation Program are not TSI exempt and are not eligible for any waivers.**

The application for the Educator Preparation Program must be completed online (tsu.educatortracking.com (http://tsu.educatortracking.com)) and a completed hard copy submitted with a current Texas Southern University official transcript and a degree plan signed by the applicant's advisor. Please forward application materials to:

Director of Certification
College of Education, Room 100
Texas Southern University
3100 Cleburne Ave.
Houston, Texas 77004-4501

Admission to the Educator Preparation Program is decided by the Unit's Admissions Committee. The Chairperson of the Admissions Committee will notify the applicant of the action taken in regards to the application.

Candidates seeking to transfer to the University should note that the two application processes, admission to Texas Southern University and admission to the College of Education's Educator Preparation Program, are separate and independent. Deadlines for submission of applications for admission to the University may be earlier than those for admission to the Educator Preparation Program. Approval for admission to this program does not imply approval for any other purpose (e.g., admission to the University, financial aid, housing, etc.).

Educator Preparation Program Admissions Steps

(Graphic Inserted Here)

State Board for Educators Certification Policies

- Individuals seeking certification in Texas must pass the TEXES Content Exam in their area of study, as well as the TEXES Pedagogy and Professional Responsibilities test (TEXES PPR).
- Only eligible candidates may sit for the TEXES. A candidate is eligible when the Coordinator of Testing and Department Chair grant approval to sit for a state Certification Examination. The approval form is then submitted to the Director of Certification for TEAL recommendation in Room 100.
- For additional information contact the Certification office in Room 100 or call 713.313.7434.

College of Education Clinical Practice Approval Information

The applicant for clinical practice must complete an application that includes the approval of the candidate's advisor and the department chairperson within the major area. The application deadlines are stipulated by the Curriculum and Instruction Department. A current transcript must be submitted with the completed application.

Persons seeking approval to engage in clinical practice are discouraged from enrolling in any additional courses. The applicant must have completed the minimum 45 clock hours of observation in the field (verified by a completed validation form), as required by law, prior to approval for clinical practice. Also, candidates must present evidence of having passed the TExES Content and PPR Exams. After being approved for clinical practice, the candidate teacher is scheduled for an interview with the Director of Field Experiences and Clinical Practice along with the Unit's *Field Experiences and Clinical Practice Committee*. Such an interview may be used to raise concerns relative to any constraints that may negatively affect the success of the placement. Candidate teachers will also engage in professional development activities that are intended to optimize their performance during clinical practice.

Candidate teachers are assigned to school districts through the collaboration of the Director of Field Experiences and Clinical Practice and the human resources personnel of the district to which the candidate teacher is assigned. Attention is given to the certification the candidate is seeking, the availability of cooperating teachers who will supervise the constraints that surfaced in the interview, and any other requirements that may impact the candidate's placement.

Clinical Practice is at least sixteen weeks. An orientation is provided for the candidate teachers prior to their placement. In addition, professional development activities are scheduled throughout the clinical experience. Topics and skills relative to the candidates' success are presented in workshops by human resource and district personnel, faculty, and other invited professionals.

Requirements of Certification

The requirements for persons seeking certification are:

- Completion of an approved educator preparation program
- Earned grades of "B" or better (grades of "B-" are unacceptable) in professional development courses.
- Earned grades of "B" or better (grades of "B-" are unacceptable) in specialty courses within the selected concentration identified on the selected degree plan.
- Completion of candidate clinical practice, evidence of the completion of two years of teaching experience as a teacher of Record for Counseling and Principal certifications.
- Earned passing scores on all required state-mandated Certification Examination(s).

Participants in an Educator Preparation Program shall complete a survey approved by the State Board of Educator Certification (SBEC) evaluating the preparation they received in the Educator Preparation Program. Completion and submission of this survey to SBEC is a requirement for issuance of a standard certificate.

Right to Modify

The information contained in this bulletin is considered to be descriptive in nature and not contractual. The University reserves the right to change any policy or requirement at any time during the time that candidates are enrolled. Courses are also subject to change.

Description of Departments in the College

The two departments offering undergraduate degrees are described in detail on the pages that follow. A description of the Department of Curriculum and Instruction is provided, followed by a description of the Department of Health, Kinesiology and Sport Management.

Department of Curriculum and Instruction

Undergraduate Degree(s):

- Bachelor of Science in Interdisciplinary Studies (4-8 English Language Arts and Reading Concentration) (p. 111)
- Bachelor of Science in Interdisciplinary Studies (4-8 English Language Arts/Reading/Social Studies Concentration) (p. 113)
- Bachelor of Science in Interdisciplinary Studies (4-8 Mathematics Concentration) (p. 115)
- Bachelor of Science in Interdisciplinary Studies (4-8 Mathematics/Science Concentration) (p. 117)
- Bachelor of Science in Interdisciplinary Studies (4-8 Social Studies Concentration) (p. 119)
- Bachelor of Science in Interdisciplinary Studies (EC-6 Bilingual Generalist Concentration) (p. 121)
- Bachelor of Science in Interdisciplinary Studies (EC-6 Generalist Concentration-Core) (p. 122)
- Bachelor of Science in Interdisciplinary Studies (Science 4-8 Concentration) (p. 124)
- Bachelor of Science in Interdisciplinary Studies (Special Education All Levels/EC-6 Concentration) (p. 126)

Graduate Degree(s):

- Master of Education in Curriculum and Instruction (Bilingual Education Concentration) (p. 514)
- Master of Education in Curriculum and Instruction (Early Childhood Education Concentration) (p. 514)
- Master of Education in Curriculum and Instruction (Instructional Technology Concentration) (p. 514)
- Master of Education in Curriculum and Instruction (Reading Education Concentration) (p. 515)
- Master of Education in Curriculum and Instruction (Secondary _____ Concentration) (p. 515)
- Master of Education in Curriculum and Instruction (Special Education Concentration) (p. 515)
- Doctor of Education in Curriculum and Instruction (p. 516)

The mission of the Department of Curriculum and Instruction is to produce effective teachers to serve culturally diverse students with a focus on urban school populations. The Department's mission is consistent with the overall mission of the College of Education (COE). The mission of the COE is to prepare caring, committed, competent, culturally responsive urban professionals who are equipped to provide

effective service in urban schools, agencies and other entities. The theme of the conceptual framework for the COE Educator Preparation Program is “ExPO for Preparing Urban Professionals” which represents COE expectations, practices and outcomes. The programs of study in the Department of Curriculum & Instruction are designed to enable candidates to acquire the knowledge, skills and dispositions needed to function effectively in urban learning environments.

The Department of Curriculum and Instruction offers courses in Interdisciplinary Studies with several concentrations that lead to a teaching certificate:

- EC-6 Generalist Core Subjects
- EC-6 Generalist Core Subjects with a specialization in either Special Education or Bilingual Education
- 4-8 Bilingual
- 4-8 English Language Arts Reading
- 4-8 English Language Arts/Social Studies
- 4-8 Social Studies
- 4-8 Mathematics
- 4-8 Science
- 4-8 Mathematics/Science
- an ESL, Gifted and Talented, Bilingual and Special Education Supplements

Unlike most of the other instructional units at the University, no minor is offered through this Department for the undergraduate degree.

All first time Freshman students must enroll and complete the FS 102 Freshman Seminar/ first Year Experience within their first semester of attendance. Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience with any college level course to complete the total credit hours required for graduation by their degree plan.

At the graduate level, the Master of Education (M.Ed.) Degree in Curriculum and Instruction is offered with specializations in:

- Bilingual Education
- Early Childhood Education
- Reading Education
- English
- Mathematics
- Science
- Special Education

A Doctor of Education (Ed.D.) Degree is offered in Curriculum and Instruction with a focus on urban school communities.

Students who are interested in detailed information regarding the graduate degrees offered through the Department are referred to the Graduate School Bulletin of Texas Southern University or the Graduate School Website at http://www.tsu.edu/academics/collegesschools/the_graduate_school/ (http://www.tsu.edu/%20academics/collegesschools/the_graduate_school/).

The specialty areas for the B.S. in Interdisciplinary Studies represent several concentration areas that students may follow toward completion of the degree and Texas Teacher Certification. Students desiring to earn the B.S. Degree in Interdisciplinary Studies must:

1. be admitted to the University,
2. satisfy University and state testing requirements,
3. apply to the Educator Preparation Program (EPP) online at tsu.educatortracking.com (<http://tsu.educatortracking.com>) and secure an application to the EPP from the Office of Curriculum and Instruction, Room 204,
4. meet with departmental advisors to ensure all requirements have been met for admission to the EPP, complete all forms in the application packet, and
5. complete and submit an online application, hard copy application and an official transcript to the Director of Certification in Room 100.

Once admitted to the Educator Preparation Program (EPP), students become Candidate Teachers and are assigned an official departmental advisor who should be consulted each academic semester. Advisors guide candidate teachers through the Educator Preparation Program, as well as oversee matriculation through their programs of study. All requirements for the Educator Preparation Program must be met and candidate teachers must earn an overall GPA of 3.00 or better as a requirement for graduation. Courses designated as specialty courses must be completed with grades of “B” or better, where grades of “B-” are unacceptable, and assessment targets referenced for the Educator Preparation Program must also be met.

Prior to admission to the Educator Preparation Program students are encouraged to visit with staff advisors in the COE Student Advisement Center (SAC) for guidance, information, and program updates. SAC is located in the lower level of the Roderick R. Paige Education Building.

In summary, students must gain admission to the University, meet University and state testing requirements, petition for admission, and qualify for the Educator Preparation Program. Requirements for the Educator Preparation Program should be reviewed carefully by all interested students. Additional information may be obtained from the Department Office located in R. Paige Education Building 204 or via telephone at (713)313-7267.

Departmental Policies

The Department has established policies and procedures to ensure candidates matriculate through the program in a timely manner. Adherence to these policies is necessary to successfully complete the selected program of study.

- Students should apply for admission to the Educator Preparation Program after completing at least 42 of the 60 hours of the foundation/core courses and must be TSI complete. Admission to the Educator Preparation Program MUST be obtained prior to enrollment in selected specialty courses and professional development courses.
- Prospective candidates cannot earn more than six (6) semester credit hours in specialty courses prior to admission to the Educator Preparation Program in the College of Education (See Advisor).
- Candidates should enroll in the Professional Development courses in two blocks of six semester hours each. The required sequence is EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt followed by EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment. These four courses cannot be taken together in a single semester.
- Candidates seeking certification must earn grades of “B” or better (grades of “B-” are unacceptable) in ALL professional development courses (EDCI 310 Field Based I Perf Focus Tchng, EDCI 328 Field

Based -II Perf Focus Tch, EDCI 339 Classrm Mngt, and EDCI 350 Desgng & Implg Inst/Assessment).

- Candidates seeking certification must earn grades of “B” or better (grades of “B-” are unacceptable) in specialty/ content courses identified on the selected degree plan.
- Candidates must register in the Department for Content/Specialty, Professional Development, and Clinical Practice Courses.
- Candidates cannot enroll in Clinical Practice until they have taken and passed the state content examination and the Pedagogy and Professional Responsibility (PPR) examination.
- Students desiring to transfer into the Department from other schools and colleges must have an overall GPA of 3.00. Students who fail to meet the GPA requirements can reapply for approval to transfer into the Department after meeting the 3.00 GPA requirement.
- Candidates may register for the TExES exam (Content or PPR) after successfully passing the appropriate TExES Representative Forms Practice Tests (administered by the Department).
- Candidates must complete the Department “Notice of Intent to File for Graduation” form one semester prior to the anticipated graduation date. This will allow time for Advisors to determine whether candidates will be able to complete program requirements by the expected graduation date.

Steps for Completing the COE Educator Preparation Program

(Insert Graphic Here)

- 1 Once candidates have passed the Representative Forms Practice Tests, they can seek permission from the Coordinator of Testing and Chairperson of Curriculum & Instruction to take the appropriate state-administered TExES Examinations.
 - 2 Candidates cannot enroll in Clinical Practice until the Content and the EC-12 PPR TExES exams have been passed.
 - 3 Complete the Department “Notice of Intent to File for Graduation” form one semester prior to your anticipated graduation date.
- Interdisciplinary Studies (4-8 English Language Arts and Reading Concentration), Bachelor of Science (p. 111)
 - Interdisciplinary Studies (4-8 English Language Arts/Reading/Social Studies Concentration), Bachelor of Science (p. 113)
 - Interdisciplinary Studies (4-8 Mathematics Concentration), Bachelor of Science (p. 115)
 - Interdisciplinary Studies (4-8 Mathematics/Science Concentration), Bachelor of Science (p. 117)
 - Interdisciplinary Studies (4-8 Social Studies Concentration), Bachelor of Science (p. 119)
 - Interdisciplinary Studies (EC-6 Bilingual Generalist Concentration), Bachelor of Science (p. 121)
 - Interdisciplinary Studies (EC-6 Generalist Concentration-Core), Bachelor of Science (p. 122)
 - Interdisciplinary Studies (Science 4-8 Concentration), Bachelor of Science (p. 124)
 - Interdisciplinary Studies (Special Education All Levels/EC-6 Concentration), Bachelor of Science (p. 126)

Curriculum and Instruction Courses

EDCI 210 Ins Tec (3 Credits)

Instructional Technology I (3) Provides practice using computers for instruction, evaluation, and management. Analyzes the tenets of professional conduct, ethics, roles, and responsibilities for teaching with computer technology. Three hours of computer use and lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 246 Hist & Theories of Child Devel (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 301 Content Foc Tchng: Reading (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 310 Field Based I Perf Focus Tchng (3 Credits)

Principles and Foundations of Education (3) Analyzes the ethical and legal aspects of teaching, including the structure, organization, and management of the U.S. school system. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 328 Field Based -II Perf Focus Tch (3 Credits)

Psychology of Learning, Growth, and Development (3) Analyzes human development and behavior that influences learning. Attention given to motivational styles, learning styles, and ethnic identity development in multicultural classrooms. Three hours of lecture per week.

Prerequisite(s): EDCI 310 and EDCI 339

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 329 Content Foc Tchng:Social Stud (3 Credits)

Content Focused Teaching in Social Studies (3) Provides developmentally appropriate knowledge and skills needed for planning, organizing, and effectively delivering instruction based on NCSS social studies standards. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 330 Content Foc TCHG: Mathematics (3 Credits)

Content Focused Teaching in Mathematics (3) Teaching and learning with an emphasis in content-integrated curriculum and school-based inquiry in mathematics. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 339 Classrm Mngt (3 Credits)

Assessment and Evaluation (3) Develops the relationship between evaluation and the instructional process, including using, constructing, and selecting assessment instruments. Three hours of lecture per week.

Prerequisites: EDCI 310 and EDCI 328.

Prerequisite(s): (EDCI 310 and EDCI 328)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 340 Ins Tec II (3 Credits)

Instructional Technology II (3) Emphasizes researching, planning, developing, implementing, and evaluation of teaching and learning materials for specific purposes. Requires planning for higher order thinking, multiple learning and information processing. Three hours of computer use and lecture per week. Prerequisite: EDCI 210.

Prerequisite(s): EDCI 210

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 345 Survey of Early Chld Dev (3 Credits)

Survey of Early Childhood Development (3) Analyzes, in-depth, children from birth to age eight with special emphasis on typical and atypical cognitive, physical, social, and emotional development. Minimum of 20 hours of observation required. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 346 Intro to Edu Psychology (3 Credits)

History and Theories of Child Development (3) Develops historical, philosophical, psychological, and social foundations in early childhood. Cognitive, physical, social, and emotional developmental theories emphasized. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 347 Adol Dev (3 Credits)

Adolescent Development Theories (3) Analyzes developmentally appropriate human processes, from birth through age 16, with respect to adolescent adjustment to school and society. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 348 Hum Dev Thry (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 350 Desgng & Implg Inst/Assessment (3 Credits)

Effective Instructional Strategies (3) Focuses on the study of instructional methods that emphasize practical application to the teaching/learning process. Some of these strategies include: planning, resources and communication. Three hours of lecture per week.

Prerequisites: EDCI 310 and EDCI 328.

Prerequisite(s): (EDCI 310 and EDCI 328 (may be taken concurrently) and EDCI 339)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 402 Content Foc Tchng: Science (3 Credits)

Science Strategies (3) Stresses the principles, content, methods and materials of teaching science in grades EC-8. The major focus is on planning, organizing, and delivering instruction based on the Science Teks. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 403 Sci Strat II (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 404 Cert Sem (3 Credits)

Certification Seminar (3) Emphasizes the importance of aligning knowledge and skills with ideal practices in developmentally appropriate teaching environments. Three hours of lecture per week. Prerequisites: EDCI 310, 328, 339 and 350.

Prerequisite(s): EDCI 310 and EDCI 328 and EDCI 339 and EDCI 350

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 405 Integrated Lang Arts/Soc Stud (3 Credits)

Integrated Language Arts, Social Studies, and Fine Arts (3) Enhances the language skills of pre-service teachers through Social Studies, Art, Music, and Drama in order for them to model effective teaching practices from a whole language approach. Three hours of lecture per week.

Prerequisite(s): RDG 301 or RDG 302

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 410 Individual Projects (3 Credits)

Individual Project (3) Creates opportunities for students to increase learner outcomes through participation in an independent project to apply effective instructional practices for diverse populations of urban learners.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 430 Integrated Sci, Math, & Health (3 Credits)

Integrated Science, Mathematics, and Health (3) Provides integrated study of the natural and social sciences, along with mathematics and health, in a creative way with associated teaching strategies to support the success of urban students. Intended for pre-service teachers. Three hours of lecture per week.

Prerequisite(s): MATH 133 and MATH 235 and MATH 236

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 431 Linguistics (3 Credits)

Linguistics (3) Introduces the basic linguistic concepts and terminology related to phonology, syntax, morphology, vocabulary, and semantics for bilingual and ESL teachers. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 432 Language Acquisition (3 Credits)

Language Acquisition (3) Analyzes the first and second language acquisition theories. Addresses the linguistic, cultural, and cognitive factors that impact the acquisition of a second language. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 433 Early Childhood Curriculum (3 Credits)

Early Childhood Curriculum (3) Examines and stresses planning, implementation, and evaluation of developmentally appropriate curriculum content for young children from birth through age eight. Emphasizes an interdisciplinary cognitive curriculum that includes an understanding of mathematics, science, and social studies. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 434 Creat Arts & Move (3 Credits)

Creative Arts and Movement (3) Provides basic skills and techniques associated with activities and strategies for integrating the visual arts, music, creative drama and movement into the EC-4 curriculum. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 435 Lan Dev & Lit (3 Credits)

Language Development and Literacy in Early Childhood (3) Emphasizes the development of receptive, expressive language, and emergent literacy in children. Includes understanding and awareness of native speakers of other languages. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 436 English Lang Skills (3 Credits)

Developing English Language Skills (3) Creates opportunities for students to practice techniques to teach English to speakers of other languages. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 437 Effective Classroom Communicat (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 438 Hum Dev Thry II (3 Credits)

Human Development Theories (3) Analyzes developmentally appropriate human processes, from birth through age twenty, with respect to cognitive, physical, emotional, linguistic, social, moral, and ethical development. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 444 Role of Play in Early Childhd (2 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 450 DIR STU TCH GRD 4-8 (6 Credits)

Directed Student Teaching in Grades 4-8 (6) Provides directed student teaching in grades 4-8 with supervisory support from the College of Education, a University-based supervisor, and a school-based supervisor. Two hours of lecture and forty hours of laboratory per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 451 Curriculum & Assessment for English Language (3 Credits)

This course addresses second language instruction and subject matter instruction in english ELL students who are in mainstream classrooms. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 452 ESL Materials and Methods (2 Credits)

This course will focus on key concepts in ESL methodology, including teaching strategies and techniques to help ESL student in listening, speaking, reading, and writing skills in the content areas. Two credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 453 Conversation Spanish (3 Credits)

This course will focus on the patterns of conversation, essential vocabulary and simple grammatical structures to develop skills in listening, speaking, reading and writing spanish. We will explore the diverse traditions andn rich culture through a variety of activities. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 454 Internship (3 Credits)

The Internship is designed to provide non certification track students with work experience in EC-12 or other coummunity settings. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 455 Curr Dev in Bilingual Ed (3 Credits)

Curriculum Development in Bilingual Education (3) Examines the theoretical bases of bilingual education curriculum. Emphasis is placed on designing curriculum appropriate to EC-6 bilingual education. Includes evaluation of designed curriculum and application. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 456 Dev Span Lang Skills I (3 Credits)

Developing Spanish Language Skills I (3) Develops Spanish language skills needed to teach reading and language arts in a bilingual program. Taught in Spanish. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 457 Dev Span Lang Skills II (3 Credits)

Developing Spanish Language Skills II (3) Develops the technical Spanish vocabulary skills needed to communicate concepts in mathematics, social studies, and science. Taught in Spanish. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 458 Seminar in Teaching (3 Credits)

Seminar Teaching (3) Focuses on academic language among school personnel: teachers, students, parents, administrators, and others. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 460 Foundations of Bilingual Ed (3 Credits)

Foundations of Bilingual Education (3) This course outlines the historical perspective of bilingualism and biculturalism. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 463 DIR STU TCH SPED (6 Credits)

Directed Student Teaching in Special Education (6) Creates opportunities for observation and student teaching in regular and special class assignments in the area of language/learning disabilities on the elementary or secondary levels. Two hours of lecture and forty hours of laboratory per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 464 DIR STU TCH HS (6 Credits)

Directed Student Teaching in High School (6) Creates opportunities for observation and directed teaching by students in an approved secondary school. Two hours of lecture and forty hours of laboratory per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 466 Stu Tchg Bilingual Classrooms (6 Credits)

Directed Student Teaching in Bilingual Classrooms (6) Creates opportunities for observation and directed teaching of students in elementary, bilingual, and/or ESL classrooms. Supervision done by bilingual faculty. Two hours of lecture and forty hours of laboratory per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 468 DIR STU TCH ALL LEVELS (6 Credits)

Directed Student Teaching - All Levels (6) Creates opportunities for observation and directed teaching at the elementary and secondary levels. Half of the time spent in an elementary school and half of the time spent in a high school setting. Two hours of lecture and forty hours of laboratory per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 469 Dir Teaching Elem School (6 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 478 Family & Comm Rel In Sch (3 Credits)

Family and Community Relationships in Early Childhood (3) Stresses the social and psychological impact that the family and the community have on the development of children. Also examines implications of cultural diversity, family life styles, and socioeconomic level on the young child. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 479 Mgmt Early Childhd Envir (3 Credits)

Management in Early Childhood Environment (3) Emphasizes structuring of indoor and outdoor learning environments that promote positive self image, achievement, and competence. Examines personal health, safety, materials, and resources. Includes group management. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 491 Dir Stu Tchng: EC-6 (6 Credits)

Directed Student Teaching in Elementary School and Kindergarten (6) Creates opportunities for observation and directed student teaching at the elementary and kindergarten levels. Half of the time spent in an elementary school and half of the time spent in a kindergarten setting. Two hours of lecture and forty hours of laboratory per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

Developmental Reading Course

READ 130 Basic Reading & Study Skills (3 Credits)

Basic Reading and Study Skills (3) Designed for students to learn the factors that comprise effective reading, study skills, and vocabulary building. Students engage in interactive learning activities to improve their reading comprehension, methods of study, and vocabulary building. Three hours of lecture and one hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Developmental Studies

Reading Education Courses

RDG 201 Basic Concepts In Reading (3 Credits)

Basic Concepts of Reading (3) Recognizes interrelationships of reading, writing, listening, and speaking. Shows how to plan instruction that reflects interrelated nature of these processes. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 202 Reading Skills Development (3 Credits)

Reading Skills Development (3) Familiarizes students with recent issues in language arts education and teaches them how to apply this information to classroom instruction. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 300 Psychology of Reading (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 301 Content Foc Tchng:Reading (3 Credits)

Basic Concepts of Reading (3) Recognizes interrelationships of reading, writing, listening, and speaking. Shows how to plan instruction that reflects interrelated nature of these processes. Three hours of lecture per week. Formerly RDG 201.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 302 Reading Skills Development (3 Credits)

Reading Skills Development (3) Familiarizes students with recent issues in language arts education and teaches them how to apply this information to classroom instruction. Three hours of lecture per week. Formerly RDG 202.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 400 Con Are Rdg (3 Credits)

Middle School Reading (3) Introduces language arts strategies and concepts of learning across the content areas. Focus on the curriculum in grades 4-8. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 401 Div Pop (3 Credits)

Diverse Populations (3) Presents the diverse populations of children in Texas schools and their educational needs through literature with emphasis on diversity. Content addresses special education laws and procedures. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 402 Informal Diagnosis (3 Credits)

Informal Diagnosis (3) Emphasizes assessment of reading skills using informal procedures, including informal reading inventories, checklists, and observation. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 404 Reading/Study Skills (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 406 Reading Appreciation (3 Credits)

Reading Appreciation (3) Familiarizes students with a wide variety of children's literature and applies such knowledge to the selection, appreciation, and critical evaluation of literary works. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

Special Education Courses

SPED 309 Survey Exceptional Education I (3 Credits)

Survey of Exceptional Education I (3) Provides a survey of issues related to Learning Disabilities, Mental Retardation, Autism, and Severe/Multiple Disabilities in relation to the effects of disabilities on learning. Must be taken in conjunction with SPED 370 during the same semester. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 370 Survey Exceptional EducationII (3 Credits)

Survey of Exceptional Education II (3) Provides a survey of characteristics and etiology of physical and speech/language disabilities. Basic statutory and legislative issues included. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 401 Field Experiences in Sped (3 Credits)

Field Experiences in Special Education (3) This course provides an opportunity for students to obtain field experiences in schools.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 402 Assess Prac Child with Disaba (3 Credits)

Assessment Practices for Children with Disabilities (2) Emphasizes the commonly used techniques and tools for assessing students. Includes both formal and informal assessment measures. Two hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 403 Ed Procs for Chid with Disabs (3 Credits)

Educational Procedures for Children with Disabilities I (3) Outlines strategies and methods used to foster inclusionary practices that improve student outcomes in the areas of mathematics and social skills. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 404 Manag Behavs Child Dis (3 Credits)

Managing of Behaviors of Children with Disabilities (2) Focuses on the characteristics of children with behavioral disorders and provides strategies to address these problems. Two hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 405 Ed Procs for Child with Dis II (3 Credits)

Educational Procedures for Children with Disabilities II (3) Outlines strategies and methods used to foster inclusionary practices that improve student outcomes in the areas of language, spelling, and reading. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 406 Schoo/Comm Collabs Spec Ed (3 Credits)

School/Community Collaboration for Special Education (2) Addresses the importance of collaboration among educators, parents, and the community to meet the needs of all students. Emphasizes collaborative strategies within the context of inclusive education. Two hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 410 Individual Project-Spec Edu (3 Credits)

Individual Project - Special Education (3) Creates opportunities for students to increase learner outcomes through participation in an independent project to apply effective special education instructional practices for the urban learner.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

Interdisciplinary Studies (4-8 English Language Arts and Reading Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 111)	42
	Major Requirements (p. 112)	65
	Other Requirements (p. 112)	15
	Minor (p. 112)	0
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
EDCI 210	Ins Tec	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (4-8 English Language Arts and Reading)

Code	Title	Hours
Relative Concentration		
EDCI 346	Intro to Edu Psychology	3
EDCI 451	Curriculum & Assessment for English Language	3
RDG 301	Content Foc Tchng:Reading	3
RDG 302	Reading Skills Development	3
RDG 400	Con Are Rdg	3
RDG 401	Div Pop	3
RDG 402	Informal Diagnosis	3
RDG 404	Reading/Study Skills	3
RDG 406	Reading Appreciation	3
ENG 244	African-American Literature	3
ENG 351	Tech Editing for Professionals	3
ENG 439	The Teaching of English	3
Professional Development		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 339	Classrm Mngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 404	Cert Sem	3
EDCI 435	Lan Dev & Lit	3
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 452	ESL Materials and Methods	2
EDCI 458	Seminar in Teaching	3
Total Hours		65

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
EDCI 340	Ins Tec II	3
HED 233	History & Principles of Health	2
KIN 235	Intro to Adapted Physical Ed	3
SPED 309	Survey Exceptional Education I	3
SPED 370	Survey Exceptional EducationII	3

Minor Requirements

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3

FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
GEOL 141	Introduction To The Earth	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 143	Survey of Life Science	3
EDCI 210	Ins Tec	3
HED 233	History & Principles of Health	2
Hours		17
Second Year		
Third Semester		
ENG 230	World Literature I	3
POLS 235	American Government	3
SPED 309	Survey Exceptional Education I	3
ENG 244	African-American Literature	3
PSY 131	General Psychology	3
KIN 235	Intro to Adapted Physical Ed	3
Hours		18
Fourth Semester		
POLS 236	Texas Government	3
RDG 302	Reading Skills Development	3
EDCI 340	Ins Tec II	3
ENG 351	Tech Editing for Professionals	3
EDCI 346	Intro to Edu Psychology	3
Hours		15
Third Year		
Fifth Semester		
RDG 301	Content Foc Tchng:Reading ¹	3
RDG 400	Con Are Rdg	3
RDG 401	Div Pop	3
EDCI 404	Cert Sem	3
ENG 439	The Teaching of English	3
SPED Survey for Exceptional Educ. II		3
Hours		18
Sixth Semester		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
EDCI 451	Curriculum & Assessment for English Language	3
RDG 402	Informal Diagnosis	3
EDCI 435	Lan Dev & Lit	3
Hours		15
Fourth Year		
Seventh Semester		
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 452	ESL Materials and Methods	2
RDG 406	Reading Appreciation	3
RDG 404	Reading/Study Skills	3
Hours		14

Eighth Semester		
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 458	Seminar in Teaching	3
Hours		9
Total Hours		122

¹ Content Block Courses taken concurrently

Transition 0:

Before the end of Second Semester the candidate should:

- TSI Exam Completed with a 3.0 GPA

Transition 1:

Before the end of Fourth Semester, candidate should:

- Be admitted to the Educator Preparation Program.

Transition 2:

Before the end of Fifth Semester, candidate should:

- Take and pass Content Representative Form.
- Enroll in Field Experience Block 1 (EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt)
- Register with T-Cert.
- Login with Certify Teacher

Before the end of Sixth Semester candidate should:

- Take and pass the PPR Representative Form Test. Enroll in Field Experience Block 2 (EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment)
- Take and pass the TExES Content Test.

Transition 3:

Before the end of the Seventh Semester, the candidate should:

- Take and pass the TExES EC-12 PPR Test.
- Apply for Clinical Teaching¹

Transition 4:

By the end of the Eighth Semester, the candidate should:

- Satisfy all requirements for Texas Teacher Certification
- Graduate from the Educator Preparation Program

¹ Candidate cannot enroll in Clinical Teaching until the Content Representative Form Test and the PPR Representative Form Test have both been passed with 80% accuracy.

Interdisciplinary Studies (4-8 English Language Arts/Reading/Social Studies Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 113)		42
Major Requirements (p. 114)		66
Other Requirements (p. 114)		14
Minor (p.)		0
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
EDCI 210	Ins Tec	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (4-8 English Language Arts/Reading/Social Studies)

Code	Title	Hours
Relative to Concentration		
EDCI 329	Content Foc Tchng:Social Stud	3
EDCI 346	Intro to Edu Psychology	3
ENG 351	Tech Editing for Professionals	3
ENG 439	The Teaching of English	3
RDG 301	Content Foc Tchng:Reading	3
RDG 302	Reading Skills Development	3
RDG 400	Con Are Rdg	3
RDG 401	Div Pop	3
RDG 402	Informal Diagnosis	3
GEOG 330	Intro To Cartography	3
GEOG 331	Geography Of Texas	3
HIST 371	Texas History	3
Professional Development		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 339	Classrm Mngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 404	Cert Sem	3
EDCI 435	Lan Dev & Lit	3
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 451	Curriculum & Assessment for English Language	3
EDCI 458	Seminar in Teaching	3
Total Hours		66

Other Requirements

Code	Title	Hours
SPED 309	Survey Exceptional Education I	3
EDCI 340	Ins Tec II	3
HIST 281	Intro to African American Hist	3
KIN 235	Intro to Adapted Physical Ed	3
PE Any Course		1
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		14

Interdisciplinary Studies (4-8 English Language Arts/Reading/Social Studies Concentration)

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3

PE (Any Course)		1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		17

Second Semester		
ENG 132	Freshman English II	3
GEOL 141	Introduction To The Earth	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 143	Survey of Life Science	3
EDCI 210	Ins Tec	3
KIN 235	Intro to Adapted Physical Ed	3
Hours		18

Second Year		
Third Semester		
ENG 230	World Literature I	3
POLS 235	American Government	3
HIST 281	Intro to African American Hist	3
PSY 131	General Psychology	3
EDCI 340	Ins Tec II	3
Hours		15

Fourth Semester		
HIST 371	Texas History	3
POLS 236	Texas Government	3
RDG 302	Reading Skills Development	3
SPED 309	Survey Exceptional Education I	3
ENG 351	Tech Editing for Professionals	3
Hours		15

Third Year		
Fifth Semester		
RDG 301	Content Foc Tchng:Reading ¹	3
EDCI 329	Content Foc Tchng:Social Stud ¹	3
RDG 400	Con Are Rdg	3
GEOG 331	Geography Of Texas	3
EDCI 404	Cert Sem	3
ENG 439	The Teaching of English	3
Hours		18

Sixth Semester		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
EDCI 435	Lan Dev & Lit	3
EDCI 451	Curriculum & Assessment for English Language	3
RDG 401	Div Pop	3
EDCI 346	Intro to Edu Psychology	3
Hours		18

Fourth Year		
Seventh Semester		
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
RDG 402	Informal Diagnosis	3
Any Elective (3 hours)		3
GEOG 330	Intro To Cartography	3
Hours		15

Eighth Semester

EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 458	Seminar in Teaching	3
Hours		9
Total Hours		125

¹ Content Block Courses taken concurrently.

Transition 0:

Before the end of Second Semester the candidate should:

- Complete QUICK THEA with minimum scores of:
 - Reading: 250
 - Math: 230
 - Writing: 220 (Multiple-Choice Section)

Transition 1:

Before the end of Fourth Semester, candidate should:

- Be admitted to the Educator Preparation Program.

Transition 2:

Before the end of Fifth Semester, candidate should:

- Take and pass Content Representative Form.
- Enroll in Field Experience Block 1 (EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt)
- Register with T-Cert.
- Login with Certify Teacher

Before the end of Sixth Semester candidate should:

- Take and pass the PPR Representative Form Test.
- Enroll in Field Experience Block 2 (EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment)
- Take and pass the TExES Content Test.

Transition 3:

Before the end of the Seventh Semester, the candidate should:

- Take and pass the TExES EC-12 PPR Test.
- Apply for Clinical Teaching¹

Transition 4:

By the end of the Eighth Semester, the candidate should:

- Satisfy all requirements for Texas Teacher Certification
- Graduate from the Educator Preparation Program

¹ Candidate cannot enroll in Clinical Teaching until the Content Representative Form Test and the PPR Representative Form Test have both been passed with 80% accuracy.

Interdisciplinary Studies (4-8 Mathematics Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 115)		42
Major Requirements (p. 115)		59
Other Requirement (p. 116)		21
Minor Requirement (p. 116)		0
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
EDCI 210	Ins Tec	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (4-8 Mathematics Concentration)

Code	Title	Hours
Relative to Concentration		
MATH 136	Precalculus Math	3

MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
MATH 250	Linear Algebra	3
MATH 331	Foundations of Mathematics	3
MATH 430	The History Of Mathematics	3
RDG 302	Reading Skills Development	3
RDG 401	Div Pop	3
Professional Development		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 330	Content Foc TCHG: Mathematics	3
EDCI 339	Classrm Mngt	3
EDCI 346	Intro to Edu Psychology	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 404	Cert Sem	3
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 451	Curriculum & Assessment for English Language	3
EDCI 458	Seminar in Teaching	3
Total Hours		59

Other Requirement

Code	Title	Hours
MATH 235	Str & App of Numb Sys	3
MATH 236	Fnds of Geom, Stat & Pro	3
SPED 370	Survey Exceptional EducationII	3
EDCI 340	Ins Tec II	3
KIN 235	Intro to Adapted Physical Ed	3
HED 233	History & Principles of Health	2
SPED 309	Survey Exceptional Education I	3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		21

Minor Requirement

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 136	Precalculus Math	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 143	Survey of Life Science	3
EDCI 210	Ins Tec	3
HED 233	History & Principles of Health	2
Hours		17

Second Year		
Third Semester		
ENG 230	World Literature I	3
POLS 235	American Government	3
MATH 235	Str & App of Numb Sys	3
PSY 131	General Psychology	3
MATH 250	Linear Algebra	3
KIN 235	Intro to Adapted Physical Ed	3
Hours		18

Fourth Semester		
GEOL 141	Introduction To The Earth	3
POLS 236	Texas Government	3
MATH 236	Fnds of Geom, Stat & Pro	3
EDCI 340	Ins Tec II	3
SPED 309	Survey Exceptional Education I	3
Hours		15

Third Year		
Fifth Semester		
MATH 241	Calculus & Analytic Geomtry I	4
MATH 430	The History Of Mathematics	3
EDCI 330	Content Foc TCHG: Mathematics ¹	3
EDCI 404	Cert Sem	3
MATH 331	Foundations of Mathematics	3
Hours		16

Sixth Semester		
MATH 242	Calculus&Analytic Geometry II	4
RDG 302	Reading Skills Development	3
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
EDCI 451	Curriculum & Assessment for English Language	3
Hours		16

Fourth Year		
Seventh Semester		
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
RDG 401	Div Pop	3
EDCI 346	Intro to Edu Psychology	3
SPED 370	Survey Exceptional EducationII	3
Hours		15

Eighth Semester		
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 458	Seminar in Teaching	3
Hours		9
Total Hours		122

¹ Content Block Courses taken concurrently.

Transition 0:

Before the end of Second Semester the candidate should:

- TSI Exam Completed with a 3.0 GPA

Transition 1:

Before the end of Fourth Semester, candidate should:

- Be admitted to the Educator Preparation Program.

Transition 2:

Before the end of Fifth Semester, candidate should:

- Take and pass Content Representative Form.
- Enroll in Field Experience Block 1 (EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt)
- Register with T-Cert.
- Login with Certify Teacher

Before the end of Sixth Semester candidate should:

- Take and pass the PPR Representative Form Test.
- Enroll in Field Experience Block 2 (EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment)
- Take and pass the TExES Content Test.

Transition 3:

Before the end of the Seventh Semester, the candidate should:

- Take and pass the TExES EC-12 PPR Test.
- Apply for Clinical Teaching¹

Transition 4:

By the end of the Eighth Semester, the candidate should:

- Satisfy all requirements for Texas Teacher Certification
- Graduate from the Educator Preparation Program

Interdisciplinary Studies (4-8 Mathematics/Science Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 117)	42
	Major Requirements (p. 117)	61
	Other Requirements (p. 118)	19
	Minor (p. 118)	0
	Total Hours	122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
	Communication	
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3

	Mathematics	
MATH 133	College Algebra	3
	Life and Physical Sciences	
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
	Language, Philosophy, and Culture	
ENG 230	World Literature I	3
	Creative Arts	
MUSI 239	Fine Arts In Daily Living	3
	American History	
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
	Government/Political Science	
POLS 235	American Government	3
POLS 236	Texas Government	3
	Social and Behavioral Sciences	
PSY 131	General Psychology	3
	Institutional Options	
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
EDCI 210	Ins Tec	3
	Total Hours	42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (4-8 Mathematics/Science)

Code	Title	Hours
	Relative to Concentration	
EDCI 404	Cert Sem	3
MATH 136	Precalculus Math	3
MATH 241	Calculus & Analytic Geomtry I	4
MATH 250	Linear Algebra	3
RDG 401	Div Pop	3
BIOL 343	Ecology	3
BIOL 345	Ecology Laboratory	1
BIOL 347	Microbiology	4
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
PHYS 238	College Physics II	3
PHYS 214	College Phys Lab II	1
	Professional Development	
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 330	Content Foc TCHG: Mathematics	3
EDCI 339	Classrm Mngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 402	Content Foc Tchng: Science	3
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 452	ESL Materials and Methods	2
EDCI 458	Seminar in Teaching	3
	Total Hours	61

Other Requirements

Code	Title	Hours
MATH 235	Str & App of Numb Sys	3
MATH 236	Fnds of Geom, Stat & Pro	3
EDCI 340	Ins Tec II	3
SPED 309	Survey Exceptional Education I	3
HED 233	History & Principles of Health	2
PE Any course		1
EDCI 346	Intro to Edu Psychology	3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		19

Minor Requirements

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3
PE (Any Course)		1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		17
Second Semester		
ENG 132	Freshman English II	3
MATH 136	Precalculus Math	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 143	Survey of Life Science	3
EDCI 210	Ins Tec	3
HED 233	History & Principles of Health	2
Hours		17
Second Year		
Third Semester		
ENG 230	World Literature I	3
POLS 235	American Government	3
MATH 235	Str & App of Numb Sys	3
PSY 131	General Psychology	3
MATH 250	Linear Algebra	3
Hours		15
Fourth Semester		
GEOL 141	Introduction To The Earth	3
POLS 236	Texas Government	3
MATH 236	Fnds of Geom, Stat & Pro	3
SPED 309	Survey Exceptional Education I	3
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
Hours		16

Third Year

Fifth Semester		
PHYS 238	College Physics II	3
PHYS 214	College Phys Lab II	1
EDCI 330	Content Foc TCHG: Mathematics ¹	3
EDCI 404	Cert Sem	3
BIOL 347	Microbiology	4
EDCI 402	Content Foc Tchng: Science	3
Hours		17

Sixth Semester		
MATH 241	Calculus & Analytic Geomtry I	4
BIOL 343	Ecology	3
BIOL 345	Ecology Laboratory	1
EDCI 339	Classrm Mngt	3
EDCI 452	ESL Materials and Methods	2
EDCI 310	Field Based I Perf Focus Tchng	3
Hours		16

Fourth Year

Seventh Semester		
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
RDG 401	Div Pop	3
EDCI 346	Intro to Edu Psychology	3
SPED 370	Survey Exceptional EducationII	3
Hours		15

Eighth Semester		
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 458	Seminar in Teaching	3
Hours		9
Total Hours		122

¹ Content Block Courses taken concurrently

Transition 0:

Before the end of Second Semester the candidate should:

- TSI Exam Completed with a 3.0 GPA

Transition 1:

Before the end of Fourth Semester, candidate should:

- Be admitted to the Educator Preparation Program.

Transition 2:

Before the end of Fifth Semester, candidate should:

- Take and pass Content Representative Form.
- Enroll in Field Experience Block 1 (EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt)
- Register with T-Cert.
- Login with Certify Teacher

Before the end of Sixth Semester candidate should:

- Take and pass the PPR Representative Form Test.
- Enroll in Field Experience Block 2 (EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment)
- Take and pass the TExES Content Test.

Transition 3:

Before the end of the Seventh Semester, the candidate should:

- Take and pass the TExES EC-12 PPR Test.
- Apply for Clinical Teaching¹

Transition 4:

By the end of the Eighth Semester, the candidate should:

- Satisfy all requirements for Texas Teacher Certification
- Graduate from the Educator Preparation Program

¹ Candidate cannot enroll in Clinical Teaching until the Content Representative Form Test and the PPR Representative Form Test have both been passed with 80% accuracy.

Interdisciplinary Studies (4-8 Social Studies Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 119)	42
	Major Requirements (p. 119)	66
	Other Requirements (p. 119)	14
	Minor (p. 120)	0
	Total Hours	122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3

HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
EDCI 210	Ins Tec	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (4-8 Social Studies)

Code	Title	Hours
Relative to Concentration		
EDCI 346	Intro to Edu Psychology	3
HIST 246	Introduction to Women's Study	3
HIST 281	Intro to African American Hist	3
HIST 321	African Amer Hist To 1865	3
HIST 342	History of Mexico	3
HIST 344	Con Hist of US to 1877	3
HIST 371	Texas History	3
GEOG 330	Intro To Cartography	3
GEOG 331	Geography Of Texas	3
SOC 335	Ethnic Groups In Society	3
RDG 400	Con Are Rdg	3
RDG 401	Div Pop	3
Professional Development		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 329	Content Foc Tchng:Social Stud	3
EDCI 339	Classrm Mngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 404	Cert Sem	3
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 451	Curriculum & Assessment for English Language	3
EDCI 458	Seminar in Teaching	3
Total Hours		66

Other Requirement

Code	Title	Hours
SPED 309	Survey Exceptional Education I	3
EDCI 340	Ins Tec II	3
GEOG 132	World Regional Geography	3
KIN 235	Intro to Adapted Physical Ed	3
PE 1	Any course	1
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		14

Minor Requirement Interdisciplinary Studies, BS

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3
PE (Any Course)		1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		17
Second Semester		
ENG 132	Freshman English II	3
GEOL 141	Introduction To The Earth	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 143	Survey of Life Science	3
EDCI 210	Ins Tec	3
Hours		15
Second Year		
Third Semester		
ENG 230	World Literature I	3
POLS 235	American Government	3
HIST 281	Intro to African American Hist	3
PSY 131	General Psychology	3
HIST 246	Introduction to Women's Study	3
KIN 235	Intro to Adapted Physical Ed	3
Hours		18
Fourth Semester		
GEOG 132	World Regional Geography	3
HIST 321	African Amer Hist To 1865	3
POLS 236	Texas Government	3
EDCI 340	Ins Tec II	3
SPED 309	Survey Exceptional Education I	3
Hours		15
Third Year		
Fifth Semester		
RDG 400	Con Are Rdg	3
EDCI 329	Content Foc Tchng:Social Stud ¹	3
GEOG 331	Geography Of Texas	3
HIST 371	Texas History	3
EDCI 404	Cert Sem	3
GEOG 330	Intro To Cartography	3
Hours		18
Sixth Semester		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
SOC 335	Ethnic Groups In Society	3

EDCI 451	Curriculum & Assessment for English Language	3
HIST 344	Con Hist of US to 1877	3
Hours		15
Fourth Year		
Seventh Semester		
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
HIST 342	History of Mexico	3
EDCI 346	Intro to Edu Psychology	3
RDG 401	Div Pop	3
Hours		15
Eighth Semester		
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 458	Seminar in Teaching	3
Hours		9
Total Hours		122

¹ Content Block Courses taken concurrently

Transition 0:

Before the end of Second Semester the candidate should:

- (TSI exam completed with a 3.0 GPA)

Transition 1:

Before the end of Fourth Semester, candidate should:

- Be admitted to the Educator Preparation Program.

Transition 2:

Before the end of Fifth Semester, candidate should:

- Take and pass Content Representative Form.
- Enroll in Field Experience Block 1 (EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt)
- Register with T-Cert.
- Login with Certify Teacher

Before the end of Sixth Semester candidate should:

- Take and pass the PPR Representative Form Test.
- Enroll in Field Experience Block 2 (EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment)
- Take and pass the TExES Content Test.

Transition 3:

Before the end of the Seventh Semester, the candidate should:

- Take and pass the TExES EC-12 PPR Test.

Transition 4:

By the end of the Eighth Semester, the candidate should:

- Satisfy all requirements for Texas Teacher Certification
- Graduate from the Educator Preparation Program

¹ Candidate cannot enroll in Clinical Teaching until the Content Representative Form Test and the PPR Representative Form Test have both been passed with 80% accuracy.

Interdisciplinary Studies (EC-6 Bilingual Generalist Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p.)		42
Major Requirements (p. 121)		65
Other Requirements (p. 121)		15
Minor (p. 121)		0
Total Hours		122

General Education Core Curriculum (Standard) ¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
EDCI 210	Ins Tec	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (EC-6 Bilingual Generalist)

Code	Title	Hours
Relative to Concentration		
EDCI 329	Content Foc Tchng:Social Stud	3
EDCI 330	Content Foc TCHG: Mathematics	3
EDCI 346	Intro to Edu Psychology	3
EDCI 402	Content Foc Tchng: Science	3
EDCI 431	Linguistics	3
EDCI 432	Language Acquisition	3
EDCI 456	Dev Span Lang Skills I	3
EDCI 457	Dev Span Lang Skills II	3
EDCI 460	Foundations of Bilingual Ed	3
RDG 301	Content Foc Tchng:Reading	3
RDG 302	Reading Skills Development	3
Professional Development		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 339	Classrm Mngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 404	Cert Sem	3
EDCI 433	Early Childhood Curriculum	3
EDCI 451	Curriculum & Assessment for English Language	3
EDCI 452	ESL Materials and Methods	2
EDCI 458	Seminar in Teaching	3
EDCI 466	Stu Tchg Bilingual Classrooms	6
Total Hours		65

Other Requirement

Code	Title	Hours
MATH 235	Str & App of Numb Sys	3
MATH 236	Fnds of Geom, Stat & Pro	3
SPED 309	Survey Exceptional Education I	3
EDCI 340	Ins Tec II	3
HED 233	History & Principles of Health	2
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		15

Minor Requirement Interdisciplinary Studies (EC-6 Bilingual Generalist Concentration)

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester

ENG 132	Freshman English II	3
PSY 131	General Psychology	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 143	Survey of Life Science	3
EDCI 210	Ins Tec	3
HED 233	History & Principles of Health	2
Hours		17

Second Year**Third Semester**

ENG 230	World Literature I	3
POLS 235	American Government	3
MATH 235	Str & App of Numb Sys	3
GEOL 141	Introduction To The Earth	3
EDCI 340	Ins Tec II	3
Hours		15

Fourth Semester

POLS 236	Texas Government	3
MATH 236	Fnds of Geom, Stat & Pro	3
RDG 302	Reading Skills Development	3
SPED 309	Survey Exceptional Education I	3
EDCI 346	Intro to Edu Psychology	3
Hours		15

Third Year**Fifth Semester**

RDG 301	Content Foc Tchng:Reading ¹	3
EDCI 329	Content Foc Tchng:Social Stud ¹	3
EDCI 330	Content Foc TCHG: Mathematics ¹	3
EDCI 402	Content Foc Tchng: Science ¹	3
EDCI 404	Cert Sem	3
Hours		15

Sixth Semester

EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
EDCI 431	Linguistics	3
EDCI 460	Foundations of Bilingual Ed	3
EDCI 451	Curriculum & Assessment for English Language	3
EDCI 456	Dev Span Lang Skills I	3
Hours		18

Fourth Year**Seventh Semester**

EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 432	Language Acquisition	3
EDCI 433	Early Childhood Curriculum	3
EDCI 452	ESL Materials and Methods	2
EDCI 457	Dev Span Lang Skills II	3
Hours		17

Eighth Semester

EDCI 458	Seminar in Teaching	3
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EDCI 466	Stu Tchg Bilingual Classrooms	6
Hours		9
Total Hours		122

¹ Content Block Courses taken concurrently

Transition 0:

Before the end of Second Semester the candidate should:

- TSI Exam Completed with a 3.0 GPA

Transition 1:

Before the end of Fourth Semester, candidate should:

- Be admitted to the Educator Preparation Program.

Transition 2:

Before the end of Fifth Semester, candidate should:

- Take and pass Content Representative Form.
- Enroll in Field Experience Block 1 (EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt)
- Register with T-Cert.
- Login with Certify Teacher

Before the end of Sixth Semester candidate should:

- Take and pass the PPR Representative Form Test. Enroll in Field Experience Block 2 (EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment)
- Take and pass the TExES Content Test.

Transition 3:

Before the end of the Seventh Semester, the candidate should:

- Take and pass the TExES EC-12 PPR Test.
- Apply for Clinical Teaching¹

Transition 4:

By the end of the Eighth Semester, the candidate should:

- Satisfy all requirements for Texas Teacher Certification
- Graduate from the Educator Preparation Program

¹ Candidate cannot enroll in Clinical Teaching until the Content Representative Form Test and the PPR Representative Form Test have both been passed with 80% accuracy.

Interdisciplinary Studies (EC-6 Generalist Concentration-Core), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 123)	42
	Major Requirements (p. 123)	62
	Other Requirements (p. 123)	18
	Minor (p. 123)	0
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
EDCI 210	Ins Tec	3
Total Hours		39

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (EC-6 Generalist)

Code	Title	Hours
Relative to Concentration		
EDCI 330	Content Foc TCHG: Mathematics	3
EDCI 346	Intro to Edu Psychology	3
EDCI 402	Content Foc Tchng: Science	3
EDCI 433	Early Childhood Curriculum	3
EDCI 434	Creat Arts & Move	3
RDG 301	Content Foc Tchng:Reading	3
RDG 302	Reading Skills Development	3
RDG 401	Div Pop	3
Professoinal Development		

EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 329	Content Foc Tchng:Social Stud	3
EDCI 339	Classrm Mngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 404	Cert Sem	3
EDCI 435	Lan Dev & Lit	3
EDCI 451	Curriculum & Assessment for English Language	3
or EDCI 453	Conversation Spanish	
EDCI 452	ESL Materials and Methods	2
EDCI 458	Seminar in Teaching	3
EDCI 478	Family & Comm Rel In Sch	3
EDCI 491	Dir Stu Tchng: EC-6	6
Total Hours		62

Other Requirement

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
HED 233	History & Principles of Health	2
MATH 235	Str & App of Numb Sys	3
MATH 236	Fnds of Geom, Stat & Pro	3
SPED 309	Survey Exceptional Education I	3
EDCI 340	Ins Tec II	3
KIN 235	Intro to Adapted Physical Ed	3
Total Hours		18

Minor Requirements

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
ENG 132	Freshman English II	3
PSY 131	General Psychology	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 143	Survey of Life Science	3
EDCI 210	Ins Tec	3
HED 233	History & Principles of Health	2
Hours		17

Second Year		
Third Semester		
ENG 230	World Literature I	3
POLS 235	American Government	3
MATH 235	Str & App of Numb Sys	3
GEOL 141	Introduction To The Earth	3

EDCI 340	Ins Tec II	3
KIN 235	Intro to Adapted Physical Ed	3
Hours		18

Fourth Semester

POLS 236	Texas Government	3
MATH 236	Fnds of Geom, Stat & Pro	3
RDG 302	Reading Skills Development	3
SPED 309	Survey Exceptional Education I	3
EDCI 346	Intro to Edu Psychology	3
Hours		15

Third Year**Fifth Semester**

RDG 301	Content Foc Tchng:Reading ¹	3
EDCI 329	Content Foc Tchng:Social Stud ¹	3
EDCI 330	Content Foc TCHG: Mathematics ¹	3
EDCI 402	Content Foc Tchng: Science ¹	3
EDCI 404	Cert Sem	3
Hours		15

Sixth Semester

EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
EDCI 451 or EDCI 453	Curriculum & Assessment for English Language or Conversation Spanish	3
EDCI 434	Creat Arts & Move	3
EDCI 435	Lan Dev & Lit	3
EDCI 478	Family & Comm Rel In Sch	3
Hours		18

Fourth Year**Seventh Semester**

EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
RDG 401	Div Pop	3
EDCI 433	Early Childhood Curriculum	3
EDCI 452	ESL Materials and Methods	2
Hours		14

Eighth Semester

EDCI 458	Seminar in Teaching	3
EDCI 491	Dir Stu Tchng: EC-6	6
Hours		9
Total Hours		122

¹ Content Block Courses taken concurrently

Transition 0:

Before the end of Second Semester the candidate should:

- TSI Exam Completed with a 3.0 GPA

Transition 1:

Before the end of Fourth Semester, candidate should:

- Be admitted to the Educator Preparation Program.

Transition 2:

Before the end of Fifth Semester, candidate should:

- Take and pass Content Representative Form.
- Enroll in Field Experience Block 1 (EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt)
- Register with T-Cert.
- Login with Certify Teacher

Before the end of Sixth Semester candidate should:

- Take and pass the PPR Representative Form Test.
- Enroll in Field Experience Block 2 (EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment)
- Take and pass the TExES Content Test.

Transition 3:

Before the end of the Seventh Semester, the candidate should:

- Take and pass the TExES EC-12 PPR Test.
- Apply for Clinical Teaching¹

Transition 4:

By the end of the Eighth Semester, the candidate should:

- Satisfy all requirements for Texas Teacher Certification
- Graduate from the Educator Preparation Program

¹ Candidate cannot enroll in Clinical Teaching until the Content Representative Form Test and the PPR Representative Form Test have both been passed with 80% accuracy.

Interdisciplinary Studies (Science 4-8 Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 124)	42
	Major Requirements (p. 125)	63
	Other Requirements (p. 125)	17
	Minor Requirements (p. 125)	0
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		

MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
EDCI 210	Ins Tec	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (Science 4-8)

Code	Title	Hours
Relative to Concentration		
BIOL 135	Human Anat & Phys I	3
BIOL 343	Ecology	3
BIOL 345	Ecology Laboratory	1
BIOL 347	Microbiology	4
CHEM 111	Chemistry I Lab	1
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
RDG 401	Div Pop	3
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
PHYS 238	College Physics II	3
PHYS 214	College Phys Lab II	1
Professional Development		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 339	Classrm Mngt	3
EDCI 346	Intro to Edu Psychology	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 402	Content Foc Tchng: Science	3
EDCI 404	Cert Sem	3
EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 451	Curriculum & Assessment for English Language	3
or EDCI 453	Conversation Spanish	

EDCI 458	Seminar in Teaching	3
Total Hours		63

Other Requirements

Code	Title	Hours
EDCI 340	Ins Tec II	3
EDCI 452	ESL Materials and Methods	2
SPED 309	Survey Exceptional Education I	3
SPED 370	Survey Exceptional EducationII	3
HED 233	History & Principles of Health	2
KIN 235	Intro to Adapted Physical Ed	3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		17

Minor Requirements Interdisciplinary Studies (Science 4-8 Concentration)

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
PSY 131	General Psychology	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 143	Survey of Life Science	3
EDCI 210	Ins Tec	3
HED 233	History & Principles of Health	2
Hours		17
Second Year		
Third Semester		
ENG 230	World Literature I	3
GEOL 141	Introduction To The Earth	3
POLS 235	American Government	3
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
BIOL 135	Human Anat & Phys I	3
Hours		16
Fourth Semester		
POLS 236	Texas Government	3
SPED 309	Survey Exceptional Education I	3
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
PHYS 238	College Physics II	3

PHYS 214	College Phys Lab II	1
KIN 235	Intro to Adapted Physical Ed	3
Hours		17

Third Year**Fifth Semester**

BIOL 343	Ecology	3
BIOL 345	Ecology Laboratory	1
EDCI 402	Content Foc Tchng: Science	3
EDCI 404	Cert Sem	3
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
RDG 401	Div Pop	3
Hours		17

Sixth Semester

EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
SPED 370	Survey Exceptional EducationII	3
EDCI 451 or EDCI 453	Curriculum & Assessment for English Language or Conversation Spanish	3
EDCI 346	Intro to Edu Psychology	3
Hours		15

Fourth Year**Seventh Semester**

EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
BIOL 347	Microbiology	4
EDCI 340	Ins Tec II	3
EDCI 452	ESL Materials and Methods	2
Hours		15

Eighth Semester

EDCI 450	DIR STU TCH GRD 4-8	6
EDCI 458	Seminar in Teaching	3
Hours		9
Total Hours		122

¹ Content Block Courses taken concurrently

Transition 0:

Before the end of Second Semester the candidate should:

- TSI Exam Completed with a 3.0 GPA

Transition 1:

Before the end of Fourth Semester, candidate should:

- Be admitted to the Educator Preparation Program.

Transition 2:

Before the end of Fifth Semester, candidate should:

- Take and pass Content Representative Form.
- Enroll in Field Experience Block 1 (EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt)

- Register with T-Cert.
- Login with Certify Teacher

Before the end of Sixth Semester candidate should:

- Take and pass the PPR Representative Form Test.
- Enroll in Field Experience Block 2 (EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment)
- Take and pass the TExES Content Test.

Transition 3:

Before the end of the Seventh Semester, the candidate should:

- Take and pass the TExES EC-12 PPR Test.
- Apply for Clinical Teaching¹

Transition 4:

By the end of the Eighth Semester, the candidate should:

- Satisfy all requirements for Texas Teacher Certification
- Graduate from the Educator Preparation Program

¹ Candidate cannot enroll in Clinical Teaching until the Content Representative Form Test and the PPR Representative Form Test have both been passed with 80% accuracy.

Interdisciplinary Studies (Special Education All Levels/EC-6 Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 126)	42
	Major Requirements (p. 127)	63
	Other Requirements (p. 127)	17
	Minor (p. 127)	0
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3

Creative Arts

MUSI 239	Fine Arts In Daily Living	3
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American History

HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3

Government/Political Science

POLS 235	American Government	3
POLS 236	Texas Government	3

Social and Behavioral Sciences

PSY 131	General Psychology	3
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Institutional Options

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
EDCI 210	Ins Tec	3

Total Hours 42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (Special Education All Levels/EC-6)

Code	Title	Hours
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Relative to Concentration

EDCI 330	Content Foc TCHG: Mathematics	3
EDCI 346	Intro to Edu Psychology	3
EDCI 402	Content Foc Tchng: Science	3
SPED 309	Survey Exceptional Education I	3
SPED 402	Assess Prac Child with Disaba	3
SPED 404	Manag Behavs Child Dis	3
SPED 405	Ed Procs for Child with Dis II	3
SPED 406	Schoo/Comm Collabs Spec Ed	3
RDG 301	Content Foc Tchng:Reading	3
RDG 302	Reading Skills Development	3
RDG 401	Div Pop	3

Professional Development

EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 329	Content Foc Tchng:Social Stud	3
EDCI 339	Classrm Mngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 404	Cert Sem	3
EDCI 451	Curriculum & Assessment for English Language	3
EDCI 458	Seminar in Teaching	3
EDCI 463	DIR STU TCH SPED	6

Total Hours 63

Other Requirements

Code	Title	Hours
MATH 235	Str & App of Numb Sys	3
MATH 236	Fnds of Geom, Stat & Pro	3
EDCI 340	Ins Tec II	3
KIN 235	Intro to Adapted Physical Ed	3
PE Any Course		1

SPED 370	Survey Exceptional EducationII	3
FS 102	Freshman Seminar/ first Year Experience	1

Total Hours 17

Minor Requirements

Course	Title	Hours
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First Year**First Semester**

ENG 131	Freshman English I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3
PE Any Course		1
FS 102	Freshman Seminar/ first Year Experience	1

Hours 17

Second Semester

ENG 132	Freshman English II	3
PSY 131	General Psychology	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 143	Survey of Life Science	3
EDCI 210	Ins Tec	3
KIN 235	Intro to Adapted Physical Ed	3

Hours 18

Second Year**Third Semester**

ENG 230	World Literature I	3
POLS 235	American Government	3
MATH 235	Str & App of Numb Sys	3
GEOL 141	Introduction To The Earth	3
SPED 309	Survey Exceptional Education I	3

Hours 15

Fourth Semester

POLS 236	Texas Government	3
MATH 236	Fnds of Geom, Stat & Pro	3
RDG 302	Reading Skills Development	3
EDCI 340	Ins Tec II	3
SPED 370	Survey Exceptional EducationII	3

Hours 15

Third Year**Fifth Semester**

RDG 301	Content Foc Tchng:Reading ¹	3
SPED 405	Ed Procs for Child with Dis II	3
SPED 404	Manag Behavs Child Dis	3
SPED 406	Schoo/Comm Collabs Spec Ed	3
SPED 402	Assess Prac Child with Disaba	3
EDCI 404	Cert Sem	3

Hours 18

Sixth Semester

EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3

EDCI 330	Content Foc TCHG: Mathematics ¹	3
EDCI 402	Content Foc Tchng: Science ¹	3
EDCI 329	Content Foc Tchng:Social Stud ¹	3
Hours		15
Fourth Year		
Seventh Semester		
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 346	Intro to Edu Psychology	3
EDCI 451	Curriculum & Assessment for English Language	3
RDG 401	Div Pop	3
Hours		15
Eighth Semester		
EDCI 463	DIR STU TCH SPED	6
EDCI 458	Seminar in Teaching	3
Hours		9
Total Hours		122

¹ Content Block Courses taken concurrently

Transition 0:

Before the end of Second Semester the candidate should:

- TSI Exam Completed with a 3.0 GPA

Transition 1:

Before the end of Fourth Semester, candidate should:

- Be admitted to the Educator Preparation Program.

Transition 2:

Before the end of Fifth Semester, candidate should:

- Take and pass Content Representative Form.
- Enroll in Field Experience Block 1 (EDCI 310 Field Based I Perf Focus Tchng and EDCI 339 Classrm Mngt)
- Register with T-Cert.
- Login with Certify Teacher

Before the end of Sixth Semester candidate should:

- Take and pass the PPR Representative Form Test.
- Enroll in Field Experience Block 2 (EDCI 328 Field Based -II Perf Focus Tch and EDCI 350 Desgng & Implg Inst/Assessment)
- Take and pass the TExES Content Test.

Transition 3:

Before the end of the Seventh Semester, the candidate should:

- Take and pass the TExES EC-12 PPR Test.
- Apply for Clinical Teaching ¹

Transition 4:

By the end of the Eighth Semester, the candidate should:

- Satisfy all requirements for Texas Teacher Certification
- Graduate from the Educator Preparation Program

¹ Candidate cannot enroll in Clinical Teaching until the Content Representative Form Test and the PPR Representative Form Test have both been passed with 80% accuracy.

Department of Health, Kinesiology and Sport Studies

Undergraduate Degree(s):

- Bachelor of Science in Athletic Training Option IV - (Concentration I) - Teacher Certification (p. 140)
- Bachelor of Science in Athletic Training Option IV - (Concentration II) - Non-Teaching (p. 142)
- Bachelor of Science in Health Studies (CHES Certification) Option I (Concentration III) Non-Teaching (p. 144)
- Bachelor of Science in Health Studies, Bachelor of Science Option I (Concentration II) Non-Teaching (p. 146)
- Bachelor of Science in Health Studies Option I - Teacher Certification (p. 148)
- Bachelor of Science in Kinesiology Option II - (Concentration I) - Teacher Certification (p. 150)
- Bachelor of Science in Kinesiology Option II - (Concentration I) - Recreation & Leisure Studies Concentration - Non-Teaching (p. 151)
- Bachelor of Science in Kinesiology Option II - (Concentration II) - Recreation & Leisure Studies Concentration - Non-Teaching (p. 153)
- Bachelor of Science in Sport Management Option III - (Concentration I) - Business Non-Teaching (p. 155)
- Bachelor of Science in Sport Management Option III - (Concentration II) - Health Non-Teaching (p. 157)
- Bachelor of Science in Sport Management Option III - (Concentration II) - Kinesiology Non-Teaching (p. 158)
- Bachelor of Science in Sport Management Option III - (Concentration IV) - Journalism Non-Teaching (p. 160)
- Bachelor of Science in Sport Management Option III - (Concentration V) - Radio, Television & Film Non-Teaching (p. 161)

Minor(s):

- Health Studies (p. 150)
- Kinesiology (p. 155)
- Recreation & Leisure Studies (p. 155)
- Sport Management (p. 163)

Graduate Degree(s):

- Master of Science in Health & Kinesiology (Health Education Concentration) (p. 539)
- Master of Science in Health & Kinesiology (Kinesiology Concentration) (p. 540)
- Master of Science in Sport Studies and Sport Leadership (Sport Administration Concentration Non-Thesis) (p. 541)
- Master of Science in Sport Studies and Sport Leadership (Sport Administration Concentration Thesis Option) (p. 541)
- Master of Science in Sport Studies and Sport Leadership (Sport Management Concentration Non-Thesis) (p. 542)

- Master of Science in Sport Studies and Sport Leadership (Sport Management Concentration Thesis Option) (p. 543)

The Department of Health, Kinesiology and Sport Studies offers courses in Athletic Training (ATR), Health (HED), Kinesiology (KIN), Physical Education (PE), Recreation & Leisure Studies (REC), Sport Management (SPMT), four undergraduate degrees, and two graduate degrees. The Bachelor of Science (B.S.) in Athletic Training, Bachelor of Science (B.S.) in Health Studies, Bachelor of Science (B.S.) in Kinesiology, and Bachelor of Science (B.S.) in Sport Management are offered on the undergraduate level; the Master of Science (M.S.) in Health and Kinesiology and Master of Science (M.S.) in Sport Studies & Sport Leadership are offered at the graduate level. The Department offers four minors (of which two are available through TSU Online), one in Health Studies, one in Kinesiology, one in Recreation and Leisure, and one in Sport Management, for students pursuing undergraduate degrees in other instructional units at the University. Students may also earn Texas Teacher Certification for the state of Texas either in Health Studies or Kinesiology through the Educator Preparation Program in the College of Education in conjunction with the two undergraduate degrees offered. Members of the Department and department facilities are located in the Health and Physical Education Building with the Department Office located in Room 103.

Students who are interested in detailed information regarding the Master of Science in Health and Kinesiology or Master of Science (M.S.) in Sport Studies & Sport Leadership should consult the Graduate School Bulletin of Texas Southern University.

The primary mission of the Department of Health, Kinesiology and Sport Studies is to prepare students for entry into the workforce and for graduate study. A secondary mission is to ensure that all students matriculating through the University have an understanding of the importance of wellness and health-related fitness upon society.

All first time freshman must enroll in FS 102 Freshman Seminar/ first Year Experience within their first semester of attendance. Transfer students may substitute FS 102 with any college level course to complete the total credit hours required for graduation by their degree plan.

In pursuing either the B.S. in Athletic Training, B.S. in Health Studies, the B.S. in Kinesiology or the B.S. in Sport Management, there are several concentrations of study, two concentrations for the B.S. in Athletic Training three concentrations for the B.S. in Health Studies, two concentrations for the B.S. in Kinesiology and five concentrations for the B.S. in Sport Management. Completion of the B.S. in Health Studies – EC-12 (Option I, Concentration I), the B.S. in Kinesiology – All Levels Teaching (Option II, Concentration I), and B.S. in Athletic Training All Levels Teaching (Option IV, Concentration I), require matriculating students to be admitted to the Educator Preparation Program in the College of Education. Completion of the B.S. in Health Studies – non-teaching (Option I, Concentration II), B.S. in Health Studies (CHES Certification) – non-teaching (Option I, Concentration III), the B.S. in Athletic Training – non-teaching (Option IV, Concentration II), the B.S. in Kinesiology/Recreation & Leisure Studies – non-teaching (Option II, Concentration IV), requires an internship. Both Athletic Training options, concentrations I and II also require a mandatory 1350 hour externship working under a certified/licensed athletic trainer. Completion of the B.S. in Sport Management/Business (Option III, Concentration I), B.S. in Sport Management/Health (Option III, Concentration II), B.S. in Sport Management/Kinesiology (Option III, Concentration III), B.S. in Sport Management/Journalism (Option III, Concentration IV), and B.S. in Sport

Management/Radio, Television, Film (Option III, Concentration V) require an internship.

Requirements for the B.S. in Health Studies, B.S. in Kinesiology, B.S. in Sport Management and the four minors (Health Studies, Kinesiology, Recreation and Leisure, and Sport Management) are summarized. Interested students must first be admitted to the University, and must satisfy the TSI requirements. Students are admitted after review by a departmental committee; and, once admitted, they are assigned an official advisor who should be consulted on a semester or term basis and who will guide those students in need of being admitted to the Educator Preparation Program in that process. The advisor will also advise students with regard to their status for graduation as they enter and complete the senior year. **After completion of PE 112 Team Sports II, KIN 211 Individual Sports & Activities, KIN 212 Individual Sports/ActivitiesII, KIN 127 Foundations I, KIN 233 Foundations II, and KIN 235 Intro to Adapted Physical Ed during the sophomore year, Kinesiology majors will be administered a departmental diagnostic comprehensive examination in KIN 302 Phys Fitness Progs Elem & Sec. All requirements for the Educator Preparation Program must be met (consult previous section of this document under the College of Education), and students must have an overall GPA of 3.00 or better to enter the program.** Courses designated as major courses must be completed with grades of “B” or better, where grades of “C-” are unacceptable, and grade restrictions referenced for the Educator Preparation Program must also be adhered to. Prior to graduation, a comprehensive departmental exit examination is administered to seniors.

- Athletic Training, Bachelor of Science Option IV - (Concentration I) - Teacher Certification (p. 140)
- Athletic Training, Bachelor of Science Option IV - (Concentration II) - Non-Teaching (p. 142)
- Health Studies, Bachelor of Science (CHES Certification) Option I (Concentration III) Non-Teaching (p. 144)
- Health Studies, Bachelor of Science Option I (Concentration II) Non-Teaching (p. 146)
- Health Studies, Bachelor of Science Option I - Teacher Certification (p. 148)
- Health Studies, Minor (p. 150)
- Kinesiology, Bachelor of Science Option II - (Concentration I) - Teacher Certification (p. 150)
- Kinesiology, Bachelor of Science Option II - (Concentration I) - Recreation & Leisure Studies Concentration - Non-Teaching (p. 151)
- Kinesiology, Bachelor of Science Option II - (Concentration II) - Recreation & Leisure Studies Concentration - Non-Teaching (p. 153)
- Kinesiology, Minor (p. 155)
- Recreation & Leisure Studies, Minor (p. 155)
- Sport Management, Bachelor of Science Option III - (Concentration I) - Business Non-Teaching (p. 155)
- Sport Management, Bachelor of Science Option III - (Concentration II) - Health Non-Teaching (p. 157)
- Sport Management, Bachelor of Science Option III - (Concentration II) - Kinesiology Non-Teaching (p. 158)
- Sport Management, Bachelor of Science Option III - (Concentration IV) - Journalism Non-Teaching (p. 160)
- Sport Management, Bachelor of Science Option III - (Concentration V) - Radio, Television & Film Non-Teaching (p. 161)
- Sport Management, Minor (p. 163)

Athletic Training

ATR 206 Intro to Athletic Trn (3 Credits)

General Prevention Principles. Describe the concept (e.g. case definitions, incidence versus prevalence, exposure assessment, rate) and uses of injury and illness surveillance relevant to athletic training. Identify and describe measure used to monitor injury prevention strategies identify modifiable/non-modifiable risk factors and mechanism for injury and illness. Explain how the effectiveness of a prevention strategy can be assessed using clinical outcomes, surveillance, or evaluation data.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 210 Athletic Taping & Bracing (1 Credits)

Summarize the basic principle associated with the design, construction, fit, maintenance, and reconditioning of protective equipment, including the rules and regulations established by the associations that govern its use. Fit standard protective equipment following manufacturers' guidelines. Apply preventive taping and wrapping procedures, splints, braces, and other special protective devices. Fabricate and apply taping, wrapping, supportive, and protective devices to facilitate return to function.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 212 Medical Terminology in At (1 Credits)

Describe the normal structure and interrelated function of the body system. Describe the normal anatomical, systemic, and physiological changes associated with the lifespan, identify the common congenital and acquired risk factors and causes of musculoskeletal injuries and common illnesses that may influence physical activity in pediatric, adolescent, adult, and aging populations. Describe the principles and concepts of body movement, including normal osseokinematics and arthrokinematics. Describe the influence of pathomechanics on function.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 222 Emerg Medical Tech (3 Credits)

Explain the legal, moral and ethical parameters that define the athletic trainer's scope of acute emergency care. Differentiate the roles and responsibilities of the athletic trainer from other providers. Demonstrate the ability to perform scene, primary, and secondary surveys. Obtain a medical history appropriate for the patient's ability to respond. Identify cases when rescue breathing CPR, and/or AED use is indicated and according to current accepted practice protocols, and implement those when appropriate.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 223 Clinical Preceptorship I (2 Credits)

Administer testing procedure to obtain baseline data regarding a client's/patient's level of general health. Use this data to design, implement, evaluate, and modify a program specific to the performance and health goals of the patient. This will include instructing the patient in the proper performance of the activities, recognizing the warning signs and systems of potential injuries and illnesses that may occur, and explaining the role of exercise in maintaining overall health and the prevention of diseases.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 300 Athletic Practicum & Seminar (3 Credits)

TI-21. Explain the federal, state, and local laws, regulations and procedure for the proper and documentation associated with an athletic training facility. Current events in athletic training and the broader field of sports medicine.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 303 Biomechanics of Ex & SP Scienc (3 Credits)

Describe the principles and concepts of body movement, including normal osseokinematic and arthrokinematics. Describe the influence of pathomechanics on function. Analyze gait and select appropriate instruction and correction strategies to facilitate safe progression to functional gait pattern. Explain the relationship between posture, biomechanics, and ergonomics and the need to address these components in a therapeutic intervention.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 318 Ortho Assessment Upper I (3 Credits)

Review of body system and regions. Use standard techniques/procedure for the clinical examination of common injuries, conditions, illnesses, and diseases including, but not limited to; history taking, inspection/observation, palpation, functional assessment, special tests, neurological assessments, respiratory assessments, circulatory assessments, abdominal assessment, and other clinical assessments. Assess and interpret findings from a physical examination that is based on the patient's clinical presentation.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 319 Ortho Assessment Lower II (3 Credits)

Review of body systems and regions. Use standard techniques/procedures for the clinical examination of common injuries, conditions, illnesses, and disease including, but not limited to; history taking, inspection/observation, palpation, functional assessment, special tests, neurological assessments, respiratory assessments, circulatory assessments, abdominal assessments, and other clinical assessments. Assess and interpret findings from a physical examination that is based on the patient's clinical presentation.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 323 Clinical Preceptorship III (2 Credits)

Perform a comprehensive clinical examination of a patient with an upper extremity, lower extremity, head, neck, thorax, and/or spine injury or condition. This exam should incorporate evidence-based clinical reasoning. Create and implement a therapeutic intervention that targets treatment goals.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 340 Organ & Admin in AT (3 Credits)

Describe the role of the athletic trainer and the delivery of athletic training services within the context of the broader healthcare system. Describe the impact of organizational structure on the daily operations of the healthcare facility. Describe the role of strategic planning as a means to assess and promote organizational improvement, facility operation and risk management. Describe the components of developing and implementing a basic business plan and budget.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 408 Therapeutic Modalities in AT (4 Credits)

Describe and differentiate strategies/techniques to: limit edema, restore joint mobility and muscle extensibility, restore neuromuscular function. Identify exercise/activities to improve strength, endurance, speed, power, balance, coordination, agility, gait, posture, and body mechanic. Explain theory and principles of therapeutic modalities, including: superficial thermal agents, electrical stimulation, ultrasound, diathermy, traction, CPM, and biofeedback.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 413 Rehabilitation Technique in AT (4 Credits)

Describe and differentiate strategies/techniques to: limit edema, restore joint mobility and muscle extensibility, restore neuromuscular function. Identify exercises/activities to improve strength, endurance, speed, power, balance, coordination, agility, gait, posture, and body mechanics Explain theory and principle of therapeutic modalities, including: superficial thermal agents, electrical stimulation, ultrasound, diathermy, traction, CPM, and biofeedback.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 423 Clinical Preceptorship V (3 Credits)

Select and integrate appropriate psychosocial techniques into a patient's treatment or rehabilitation program to enhance rehabilitation adherence, return, and overall outcomes. This include, but not limited to: verbal motivation, goal setting, imagery, pain management, self-talk, and/or relaxation. Demonstrate the ability to recognize and refer at-risk individuals with psychosocial disorder and/or mental health emergencies. As a member of the management team, develop an appropriate management plan.

College/School: College Of Education

Department: Dept of Health & Kinesiology

ATR 499 Clinical Externship in Athletic Training (6 Credits)

Approved externship supervised by a clinical preceptor. 6 credit hours.

College/School: College Of Education

Department: Dept of Health & Kinesiology

Health

HED 223 Basic C P R (2 Credits)

Basic CPR (2) Basic concepts in cardiopulmonary resuscitation; certification in basic cardiac life support. One hour of lecture and two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 224 Swimming II (2 Credits)

This course on swimming encourages cardiovascular fitness through the four competitive strokes: freestyle, backstroke, breaststroke and butterfly. This course is an introductory course that requires students to effectively learn the four competitive strokes at a mastery level of 80 percent. Emphasis is placed on swimming techniques.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 227 Gymnastics (2 Credits)

This course is designed to introduce, develop, and examine the gymnastic skills, aerobics activities, movements and exercises that can improve physical fitness and aerobic capacity as well as rhythmic/dance activities and skills. Emphasis is placed on guiding students to develop and design their own gymnastics routine with gymnastics skills that they can utilize in everyday life as a fitness routine and as a lifelong activity. 2 credit hours.

College/School: School of Communication

Department: Dept of Health & Kinesiology

HED 230 Introduction to Health (3 Credits)

Discussion of the components of health and how health status is maintained throughout the lifespan, including the role of health care professionals.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 231 Introduction to Behavioral Health Theory (3 Credits)

Review of variables involved in creating behavior change.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 233 History & Principles of Health (2 Credits)

History and Principles of Health (2) Discussion of the historical and philosophical development of health. Consideration given to those illnesses and health hazards of major significance and concern in contemporary society. Two hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 234 Hlth & Biolfuncs (3 Credits)

History and Biological Function (3) Organizational components of the human body; types of diseases; biological defense mechanisms; healing processes; and human biological growth and development. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 235 Health and the Human Body (3 Credits)

Structure and function of human body systems and the impact of disease on each system.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 236 Socioeconomic and Culture Influences on Health (3 Credits)

Examination of the relationship between socioeconomic status and culture on health including outcomes, utilization, and delivery.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 329 Health Promotion Theory and Practice (3 Credits)

Overview of health behavior theories and their application to health education, disease prevention, and health promotion.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 333 Emergency and Care of Injuries (3 Credits)

Presentation of first aid and emergency care principles and concepts; leads to first aid certification.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 334 Contemporary Health Problems (3 Credits)

In depth student of contemporary community health problems encountered in an area of diverse ethnicity and mobility.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 335 Problems In Community Hygiene (3 Credits)

Problems in Community Health (3) In-depth study of contemporary community health problems encountered in an area of diverse ethnicity and mobility. Emphasis on the biological, psychological, and socioeconomic factors that impact disease and levels of wellness. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 336 Organ Admin Of Hlth Progrms (3 Credits)

Organization and Administration of Health Programs (3) Analysis of the organizational structure, administrative policies, and management styles of official and non-official agencies at the local, state, and national levels. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 339 Diseases & Consumer Health (3 Credits)

Diseases and Consumer Health (3) Factual, scientifically-based information about diseases, medical goods, and services with an analysis of issues and strategies undertaken by consumers and providers that bring about changes in health systems and society. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 340 Epidemiology (3 Credits)

Environmental and Public Health (3) Identification of environmental health hazards associated with the home and workplace along with consideration of human environment interactions in modern society. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 341 Epidemiology (3 Credits)

Study of the distribution and determinants of health using basic epidemiological concepts and statistical methods.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 399 Health Seminar (2 Credits)

Health Seminar (2) Discussion of topics of current relevance with the main focus on local health problems. Presentation of outstanding speakers in the areas of school and community health. Two hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 432 Fitness For Living (3 Credits)

Fitness for Living (3) Considers the influence of exercise, rest, fitness, and lifelong activity in prevention of behavior-related problems and the benefits of health and wellness promotion activities. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 433 Personal Health & Safety I (3 Credits)

Personal Health and Safety I (3) Identification of current problems relating to family relations, marriage styles, the changing family, social hygiene, chemical use and abuse and the effects on the individual and society. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 434 Mental Health (3 Credits)

Examination of basic problems of mental health with consideration given to problems of childhood, adolescence, and adulthood.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 436 Hygiene Of The School Child (3 Credits)

Hygiene of the School Child (3) In-depth study of the combination of factors affecting the health of children and adolescents and the impact of lifestyles on growth and development. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 437 Measurement and Evaluation in Health (3 Credits)

Qualitative and quantitative methods used in the design and evaluation of health instruments and programs.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 471 Drugs and Health (3 Credits)

Health problems associated with alcohol, tobacco, and narcotics use and the impact of such behavior on society, the economy, and health with implications of health promotion.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 472 Foundations of Safety (3 Credits)

Foundations of Safety (3) Study of the basic assumptions which aid in understanding situations related to safety in the world in which we live. Emphasis on human interactions and mutual impact. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 477 Human Sexuality (3 Credits)

Human Sexuality (3) Examination of the biological, psychological, and cultural dimensions of sexuality; exploration of controversial issues surrounding human sexuality as they impact human well-being and quality of life. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 480 (3 Credits)

Study of the development, implementation, and evaluation of health programs.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 499 Supervised Individual Work in Community Health (6 Credits)

Directed internship with local health agencies or programs to improve professional competency and to relate theory to practice.

College/School: College Of Education

Department: Dept of Health & Kinesiology

Physical Education

PE 100 Water Aerobics (1 Credits)

Water Aerobics (1) Aerobic activities conducted in water. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 101 Bowling (1 Credits)

Bowling (1) Study and practice of the basic techniques, scoring, and history of bowling. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 102 Physical Fitness (1 Credits)

Physical Fitness (1) Study and practice of physical fitness activities and the effects of exercise on systems of the human body. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 103 Racquetball (1 Credits)

Racquetball (1) Basic activity course in racquetball. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 106 Intermediate Bowling (1 Credits)

Intermediate Bowling (1) Advanced techniques and skills for bowling. Two hours of laboratory per week. Prerequisite: PE 101. Offered as needed.

Prerequisite(s): PE 101

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 107 Walk Jog Fitness Appraisal (1 Credits)

Walking, Jogging, and Fitness Appraisal (1) Fitness techniques for walking and jogging as a life long activity. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 108 Modern Dance I (1 Credits)

Modern Dance I (1) Fundamentals of modern dance providing an opportunity for students to develop techniques, aesthetic appreciation, and creativity. Two hours of laboratory per week. Listed as DANC 1145 in the Texas Common Course Numbering System.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 109 Modern Dance II (1 Credits)

Modern Dance II (1) Continuation of PE 108. Two hours of laboratory per week. Prerequisite: PE 108. Listed as DANC 1146 in the Texas Common Course Numbering System.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 110 Folk And Square Dance (1 Credits)

Folk and Square Dance (1) Dance instruction providing experiences in international folk dances, square dances, and folklore. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 111 Team Sports I (1 Credits)

Team Sports I (1) Theory, rules, and practice of soccer, flag/touch football, and volleyball. Three hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 112 Team Sports II (1 Credits)

Team Sports II (1) Theory, rules, and practice of basketball, field hockey, and softball. Three hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 115 Volleyball & Basketball (1 Credits)

Volleyball and Basketball (1) Theory and practice in basketball and volleyball fundamentals. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 116 Touch Football Basketball (1 Credits)

Touch Football and Track (1) Theory and practice in touch/flag football and track fundamentals. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 117 Swimming (1 Credits)

Swimming (1) Instruction in basic swimming strokes. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 118 Golf (1 Credits)

Golf (1) Fundamentals and techniques of golf. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 119 Tennis And Badminton (1 Credits)

Tennis and Badminton (1) Fundamentals and techniques of tennis and badminton. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 120 Adapted Activities I (1 Credits)

Adapted Activities I (1) Adapted activities for students unable to participate in regular human performance classes. Physician's statement required. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 121 Adapted Activities II (1 Credits)

Adapted Activities II (1) Continuation of PE 120. Two hours of laboratory per week. Prerequisite: PE 120.

Prerequisite(s): PE 120

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 122 Aerobic Activity (1 Credits)

Aerobic Activities (1) Instruction and practice in basic aerobic activities. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 125 Weight Training (1 Credits)

Weight Training (1) Introductory course in the correct use of weights in body development. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 127 Foundations I (3 Credits)

Foundations I (3) Basic foundations in human performance, including historical development, philosophical implication, and issues related to movement. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 128 Tae Kwon-Do I (2 Credits)

Tae Kwon-Do I (1) Fundamental offensive and defensive techniques used in Tae Kwon-Do. Student abilities assessed in relation to the technical and physical requirements of the martial arts. Meditation and mental discipline introduced. Two hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 211 Individual Sports & Activities (1 Credits)

Individual/Dual Sports and Activities I (1) Theory, rules, and practice of archery, bowling, dance, weight training, and gymnastics/tumbling. Three hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 212 Individual Sports & Activities (1 Credits)

Individual/Dual Sports and Activities II (1) Theory, rules, and practice of track and field, swimming, badminton, wrestling, tennis, golf, and cycling. Three hours of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 233 Foundations II (3 Credits)

Foundations II (3) Continued study of the principles of human performance, including an overview of the status and scope of modern performance programs, activities for children of various ages, and assessment of skills. Three hours of lecture per week. Prerequisite: PE 127.

Prerequisite(s): PE 127

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 235 Intro To Adaptive P E (3 Credits)

Introduction to Adapted Physical Education (3) Study of the general organization of programs and exercises for the handicapped. Recreational sports, aquatic skills, and planning procedures included. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 300 Athletic Training Practicum I (2 Credits)

Athletic Training Practicum/Seminar I (3) Theories and techniques of athletic training and their applications to practical and on-field situations. Students also explore current issues that impact professional practices. Two hours of lecture/laboratory per week. Athletic Training majors only

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 301 Athletic Training Practicum II (2 Credits)

Athletic Training Practicum II (3) Advanced theories and techniques of athletic training and their applications to practical and on-field situations. Students also explore current issues that impact professional practices. Two hours of lecture/laboratory per week. Prerequisite: PE 300.

Prerequisite(s): PE 300

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 302 Phys Fitness Progs Elem & Sec (3 Credits)

Physical Fitness Programs for Elementary and Secondary Schools (3) Study and practice of fitness activities and the effects of exercise upon systems of the body. Two hours of lecture and one hour of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 324 Advanced Swimming (2 Credits)

Advanced Swimming (2) Completion of requirements for the Red Cross Water Safety Instructor's Certificate. Two hours of laboratory per week. Prerequisite: Current Red Cross Senior Life Saving Certificate.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 327 Advanced Gymnastics (2 Credits)

Advanced Gymnastics (2) Theory and practice in performing pyramid building, stunts, and apparatus activities. Two hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 331 Performance Practicum Edu (3 Credits)

Performance Practicum (3) Techniques and theories of sports activities and their applications to practical situations. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 332 Coach & Offic Sp Acts Sec Sch (3 Credits)

Coaching and Officiating Sports Activities for Secondary Schools (3) Study of coaching strategies, techniques, and theories of selected sports activities in secondary schools. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 334 Sports & Entertainment Mgmt (3 Credits)

Coaching and Officiating of Baseball and Track (3) Study of theory, strategy, and mechanics of coaching baseball and track. Emphasis placed on designing coaching strategies. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 335 Admin Intramural Athletics (3 Credits)

Administration of Intramural Sports (3) Techniques for organizing, directing, and supervising intramural programs of sports activities. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 336 Org & Admin Phy Edu (3 Credits)

Organization and Administration of Physical Education (3) Emphasis on the organization and administration of physical education programs in elementary and secondary schools. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 337 Mov Skill Dev Elem - Pe Elem (3 Credits)

Movement Skill Development at the Elementary Level - The P.E. Programs in the Elementary School (3) Principles of and activities for movement education and sports related skills at the elementary school level. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 338 Prin & Tech Outdoor&Elis Acts (3 Credits)

Principles and Techniques for Outdoor and Leisure Activities (3) Discussion of techniques and skills required for outdoor and leisure activities. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 339 Fundamentals Of Movement (3 Credits)

Advanced Techniques, Skills, and Rules for Sports Activities - Fundamentals of Movement (3) Techniques, skills, and rules of sports activities. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 370 Athletic Training I (3 Credits)

Athletic Training I (3) Determination of and management study of athletic injuries. Two hours of lecture and one hour of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 371 Advanced Athletic Training (3 Credits)

Athletic Training II (3) Fundamental principles and methods for preliminary diagnosis of athletic injuries, including choice of initial treatment and rehabilitation procedures. Two hours of lecture and one hour of laboratory per week. Prerequisite: PE 370.

Prerequisite(s): PE 370

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 372 Therapeutic Exercise Modals (3 Credits)

Therapeutic Exercise Modalities (3) Study of the use, selection, and application of therapeutic modalities in the rehabilitation of athletic injuries. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 373 Managerial Comm & Media Rel (3 Credits)

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 374 Sociology Of Sports (3 Credits)

Sociology of Sports (3) Sports and their impact on American society; social organization from play to professional sports; violence; discrimination; women in sports; socialization implications from participation in sports. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 376 History in Sports Governance (3 Credits)

College/School: College Of Education

Department: (R)DeptHlth,PhysEdu&Rec

PE 378 Ind Dev & Motor Learning (3 Credits)

Individual Development and Motor Learning (3) Study of the nature of learning factors that affect motor learning and individual development at various skill levels. Two hours of lecture and one hour of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 379 Prog Event and Facility Mgmt (3 Credits)

Facilities and Equipment Management (3) Discussion of skills and logistics necessary for management of sports facilities and related equipment. Three hours of lecture per week. Offered as needed.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 399 Physical Ed Seminar (2 Credits)

Physical Education Seminar (2) Issues and applications of organizational and administrative principles of physical education. Two hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 432 Rhym's & Games Elem Sch Teaches (3 Credits)

Rhythms and Games for Elementary School Teachers (3) Planning and execution of acceptable programs of physical education through the use of rhythmic and sports activities for the elementary grade levels. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 433 Problems in Urban Rec Sports (3 Credits)

Current Problems in Physical Education (3) Study of selected current problems and trends in physical education. Three hours of lecture per week. Offered as needed.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 434 Administration of Athletics (3 Credits)

Administration of Athletics (3) Implementation and evaluation of athletic programs in secondary schools. Three hours of lecture per week. Offered as needed.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 435 Tests Measurements (3 Credits)

Tests and Measurements (3) Theory of measurements in physical education and recreation; selection of appropriate tests; and interpretation of test results through statistical procedures. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 436 Sports Ethics and The Law (3 Credits)

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 437 Kinesiology (3 Credits)

Kinesiology (3) Scientific study of the skeletal muscles and human movement. Two hours of lecture and one hour of laboratory per week. Prerequisite: BIOL 245.

Prerequisite(s): BIOL 245

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 438 Physiology Of Exercise (3 Credits)

Physiology of Exercise (3) Study of the effects of exercise upon the systems and organs of the body. Skill, endurance, fatigue, training, and other factors considered as they affect performance. Two hours of lecture and one hour of laboratory per week. Prerequisites: BIOL 245 and PE 437.

Prerequisite(s): BIOL 245

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 439 Independent Study (3 Credits)

Independent Study (3) Research and/or field work on selected projects or topics. Prerequisite: Consent of Faculty Advisor or Faculty Chair.

College/School: College Of Education

Department: Dept of Health & Kinesiology

PE 499 Supervised Ind Wk/Research Ath (6 Credits)

Supervised Individual Work/Research in Athletic Training (6) Directed internship with local sports medicine facilities or programs that include close supervision and seminars. Emphasis on improving professional competency in students and assisting to relate theory to practice. One hour of lecture and five hours of laboratory per week. Prerequisite: Senior standing. Athletic Training majors only

College/School: College Of Education

Department: Dept of Health & Kinesiology

Kinesiology

KIN 127 Foundations I (3 Credits)

Foundations I (3) Basic foundations in human performance, including historical development, philosophical implication, and issues related to movement. Three hours of lecture per week. Listed as PHED 1301 in the Texas Common Course Numbering System.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 211 Individual Sports & Activities (1 Credits)

Individual/Dual Sports and Activities I (1) Theory, rules, and practice of archery, bowling, dance, weight training, and gymnastics/tumbling. Three hours of laboratory per week. MAJORS ONLY

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 212 Individual Sports/Activities II (1 Credits)

Individual/Dual Sports and Activities II (1) Theory, rules, and practice of concentration and field, swimming, badminton, wrestling, tennis, golf, and cycling. Three hours of laboratory per week. MAJORS ONLY

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 233 Foundations II (3 Credits)

Foundations II (3) Continued study of the principles of human performance, including an overview of the status and scope of modern performance programs, activities for children of various ages, and assessment of skills. Three hours of lecture per week. Prerequisite: PE 127.

Prerequisite(s): KIN 127 or PE 127

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 235 Intro to Adapted Physical Ed (3 Credits)

Introduction to Adapted Physical Education (3) Study of the general organization of programs and exercises for the handicapped. Recreational sports, aquatic skills, and planning procedures included. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 300 Athletic Training Pract/Sem (3 Credits)

Athletic Training Practicum/Seminar I (3) Theories and techniques of athletic training and their applications to practical and on-field situations. Students also explore current issues that impact professional practices. Two hours of lecture and one hour of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 301 Athletic Training Pract II (2 Credits)

Athletic Training Practicum II (3) Advanced theories and techniques of athletic training and their applications to practical and on-field situations. Students also explore current issues that impact professional practices. Two hours of lecture and one hour of laboratory per week.

Prerequisite(s): KIN 300 or PE 300

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 302 Phys Fitness Progs Elem & Sec (3 Credits)

Physical Fitness Programs for Elementary and Secondary Schools (3) Study and practice of fitness activities and the effects of exercise upon systems of the body. Two hours of lecture and one hour of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 324 Advanced Swimming (2 Credits)

Advanced Swimming (2) Completion of requirements for the Red Cross Water Safety Instructor's Certificate. Two hours of laboratory per week. Prerequisite: Current Red Cross Senior Life Saving Certificate.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 327 Advanced Gymnastics (2 Credits)

Advanced Gymnastics (2) Theory and practice in performing pyramid building, stunts, and apparatus activities. Two hours of lecture per week

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 331 Performance Practicum (3 Credits)

Performance Practicum (3) Techniques and theories of sports activities and their applications to practical situations. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 332 Coach & Office Acts Sec SCH (3 Credits)

Coaching and Officiating Sports Activities for Secondary Schools (3) Study of coaching strategies, techniques, and theories of selected sports activities in secondary schools. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 334 Sports & Entertainment Mgmt (3 Credits)

Coaching and Officiating of Baseball and Concentration (3) Study of theory, strategy, and mechanics of coaching baseball and concentration. Emphasis placed on designing coaching strategies. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 335 Admin Intramural Athletics (3 Credits)

Administration of Intramural Sports (3) Techniques for organizing, directing, and supervising intramural programs of sports activities. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 336 Org & Admin Phy Edu (3 Credits)

Organization and Administration of Physical Education (3) Emphasis on the organization and administration of physical education programs in elementary and secondary schools. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 337 Mov Skill Dev Elem - Pe Elem (3 Credits)

Movement Skill Development at the Elementary Level - (3) Te PE Program in the Elementary School Principles of and activities for movement education and sports related skills at the elementary school level. Tree hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 338 Prin & Tech Outdoor&Elis Acts (3 Credits)

Principles and Techniques for Outdoor and Leisure Activities (3) Discussion of techniques and skills required for outdoor and leisure sports. Tree hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 339 Fundamentals Of Movement (3 Credits)

Advanced Techniques, Skills, and Rules for Sports Activities - (3) Fundamentals of Movement Techniques, skills, and rules of sports activities. Tree hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 370 Athletic Training I (3 Credits)

Athletic Training I (3) Demonstration and management study of athletic injuries. Two hours of lecture and one hour of laboratory per week.

Athletic Training Majors Only

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 371 Advanced Athletic Training (3 Credits)

Athletic Training II (3) Fundamental principles and methods for preliminary diagnosis of athletic injuries, including choice of initial treatment and rehabilitation procedures. Two hours of lecture and one hour of laboratory per week. Prerequisite: PE 370. Athletic Training Majors Only

Prerequisite(s): KIN 370 or PE 370

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 372 Therapeutic Exercise Modals (3 Credits)

Terapeutic Exercise Modalities (3) Study of the use, selection, and application of therapeutic modalities in the rehabilitation of athletic injuries. Tree hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 374 Sociology Of Sports (3 Credits)

Sociology of Sports (3) Sports and their impact on American society; social organization from play to professional sports; violence; discrimination; women in sports; socialization and implications from participation in sports. Tree hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 376 History in Sports Governance (3 Credits)

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 378 Ind Dev & Motor Learning (3 Credits)

Individual Development and Motor Learning (3) Study of the nature of learning factors that affect motor learning and individual development at various skill levels. Two hours of lecture and one hour of laboratory per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 379 Prog Event and Facility Mgmt (3 Credits)

Facilities and Equipment Management (3) Discussion of skills and logistics necessary for management of sports facilities and related equipment. Tree hours of lecture per week. Ofered as needed.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 399 Physical Ed Seminar (2 Credits)

Physical Education Seminar (2) Issues and application of organizational and administrative principles of physical education. Two hours of lecture per week. Majors only. Prerequisite: Junior standing.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 432 Rhyms & Games Elem Sch Teachs (3 Credits)

Rhythms and Games for Elementary School Teachers (3) Planning and execution of acceptable programs of physical education through the use of rhythmic and sports activities for the elementary grade level. Tree hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 433 Problems in Urban Rec Sports (3 Credits)

Current Problems in Physical Education (3) Study of selected problems and trends in physical education. Tree hours of lecture per week.

Prerequisite: Junior standing.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 434 Administration of Athletics (3 Credits)

Administration of Athletics (3) Implementation and evaluation of athletic programs in secondary schools. Tree hours of lecture per week. Ofered as needed.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 435 Tests & Measurements (3 Credits)

Tests and Measurements (3) Teory of measurements in physical education and recreation; selection of appropriate tests; and interpretation of test results through statistical procedures. Tree hours of lecture per week. Prerequisite: Junior standing.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 437 Kinesiology (3 Credits)

Kinesiology (3) Scientifc study of the skeletal muscles and human movement. Two hours of lecture and one hour of laboratory per week.

Prerequisite: BIOL 245. Prerequisite: Junior standing

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 438 Physiology of Exercise I (3 Credits)

Physiology of Exercise (3) Study of the effects of exercise upon the systems and organs of the body. Skill, endurance, fatigue, training, and other factors considered as they affect performance. Two hours of lecture and one hour of laboratory per week. Prerequisite: BIOL 245. Prerequisite: Junior standing.

Prerequisite(s): BIOL 245

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 439 Independent Study (3 Credits)

Independent Study (3) Research and/or feld work on selected projects or topics. Prerequisite: Consent of Advisor or Faculty Chair.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 499 Supervised Ind Wk/Research Ath (6 Credits)

Supervised Individual Work/Research in Kinesiology (6) Directed internship with local sports medicine facilities or programs that includes close supervision and seminars. Emphasis on improving professional competency in students and assisting to relate theory to practice. One hour of lecture and five hours of laboratory per week. Prerequisite: Senior standing. Human Performance and Athletic Training majors only

College/School: College Of Education

Department: Dept of Health & Kinesiology

Recreation & Leisure Studies

REC 234 Foundation Rec Parks & Leisure (3 Credits)

Foundations of Recreation, Parks and Leisure Services (3) This course is an introduction to the recreation, parks and leisure profession including the history of recreation, parks and leisure services. Orientation to the variety of services including their settings, services and organization; relationship to public, private or governmental agencies. An overview of career opportunities in the field. Trends in services to various populations. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

REC 332 Aquatics Facility Mgmt & Water (3 Credits)

Aquatic Facility Management and Waterfront Facility Operations (3) This course is a capstone course intended to provide a bridge from theory to professional practice. Integrates students' learning experiences from their core classes into their professional goals. Students explore their approaches to lifelong learning and make connections as to how a liberal arts background can facilitate currency and relevancy in professional practice and life. Determining a career direction, assuming professional roles and performing actual job responsibilities in a global and diverse world are emphasized. As students prepare for entry into the leisure, sport or wellness profession they are exposed to and practice steps in making decisions with a focus on promoting sound and ethical judgment to create a common good. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

REC 333 Leisure Studs Human Diversity (3 Credits)

Leisure Studies: Human Diversity and the Environment (3) This course provides a comprehensive overview of the role of leisure in contemporary society. Sociological, economic, psychological and environmental implications of leisure are explored with diverse groups. Societal and lifestyle changes are discussed with a multicultural focus and in relation to their impact on the future of leisure. Personal leisure lifestyles are reviewed and discussed. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

REC 335 Prog & Promotions in Rec Park (3 Credits)

Programming and Promotions in Recreation, Parks and Leisure Services (3) This course analyzes the fundamentals of program planning using techniques of identifying and analyzing program activity areas; content includes program development and application with a variety of population groups and representative leisure service agencies. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

REC 373 Hist & Philosophy Rec Park (3 Credits)

History and Philosophy of Recreation and Leisure Studies (3) This course reviews the historical and theoretical foundations, nature, and significance of recreation and leisure in contemporary society; current trends and prospects for the future. Survey of agencies, organizations, and programs in the leisure service field and the recreation profession. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

REC 379 Facility Plannng & Maintenance (3 Credits)

Facility Planning and Maintaining Recreation, Park, Leisure Areas and Sport Facilities (3) This course examines the contemporary issues and related administrative practices associated with managing human resources in leisure services. Includes: basic elements, procedures and processes involved in planning, designing, developing and maintaining recreation, park, leisure and sport facilities and areas. Students assess and evaluate existing facilities and areas in terms of functionality, access standards and maintenance operations. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

REC 399 Prof Development Capstone (2 Credits)

Professional Development and Capstone Experience in Recreation and Leisure, Sport and Wellness Related Professions (2) This course analyzes the fundamentals of program planning using techniques of identifying and analyzing program activity areas; content includes program development and application with a variety of population groups and representative leisure service agencies. Two hours of lecture per week. Majors only. Prerequisite: Junior standing.

College/School: College Of Education

Department: Dept of Health & Kinesiology

REC 434 Mmgt in Rec Sport and Leisure (3 Credits)

Management in Recreation, Sport and Leisure Services (3) This course is an introduction to basic concepts of organization, administration, and supervision of leisure service agencies. Application to recreation, parks, sports and leisure agencies is stressed. The administrative functions covered include personnel management, budgets, finance, resource planning, public relations, evaluation, legal issues, policy development, and problem-solving techniques. Essential elements of management systems are reviewed. Emphasizes human resource management and the employment process, personnel policies and procedures, legal issues, supervision, performance appraisal, and technological tools. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

REC 476 Therapeutic Rec Interven (3 Credits)

Therapeutic Recreation, Therapeutic Activity Intervention and Aging (3) This course delivers an in-depth study of support and delivery systems, desirable practices of therapeutic recreation and of concepts associated with the practice of therapeutic recreation, including history, philosophy, professional development and medical terminology, as well as characteristics of illness, disease and disability. Overview of the process of therapeutic recreation, including assessing, planning, implementing and evaluating. Emphasis is on age-related illness, disease, disability and therapeutic activity intervention. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

REC 499 Internship: Rec Park & Leisure (6 Credits)

Supervised Internship in Recreation, Parks and Leisure Services (6)
Directed internship with local sports medicine facilities or programs that includes close supervision and seminars. Emphasis on improving professional competency in students and assisting to relate theory to practice. One hour of lecture and five hours of laboratory per week.

Prerequisite: Senior standing. Recreation majors only

College/School: College Of Education

Department: Dept of Health & Kinesiology

Sport Management

SPMT 134 Sport & Entertainment Mgmt (3 Credits)

Sport & Entertainment Management (3) This course is an analysis of effective management strategies and the body of knowledge associated with pursuing a career in sport management. The course will introduce students to the American and World sport and entertainment enterprise; background, influences and trends; intercollegiate, collegiate and professional sport organizations; ownership and unionization; media portrayals. Emphasis will be placed on an introduction to the sport and entertainment management industry career fields. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 135 Sport Marketing & Promotions (3 Credits)

Sport Marketing & Promotions (3) This course will include the application of marketing principles and concepts in the sports industry. It includes sponsorships, branding, promotions, public relations, licensing, and sports consumer research and behavior. Emphasis will include the foundations of consumer behavior and sport marketing planning. The course includes reviewing the design and implementation of marketing plans for the integration of product, pricing, promotion, distribution, sales, sponsorship, and advertising of sport goods and services. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 176 Intro to SPMT HBCU Athletic (3 Credits)

This course provides an introduction to and review of the history of the HBCU (Black College Sports) and Texas Southern University, Specifically, the history of the Black Institutions and the formation of conferences (i.e. the four founding conferences: CIAA, SIAC, MWAC, and SWAC). The role (HBCUs) Black Colleges Sports play in Texas.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 273 Mngl Com & Media Rtl in Sports (3 Credits)

Managerial Communication & Media Relations in Sport (3) This course is designed to explore the different types of communication in sport programs and how they are organized and administered at the school, community and professional levels. It will also explore the communication process in management of intramural, recreation, sport and health club programs. The course focuses on the skills, techniques, practices and issues related to the field of public relations, as well as the methods of critical analysis regarding public relations campaigns and the media production of an event (conference, game or tournament).

Prerequisites: ENG 131 AND ENG 132.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 279 Sport Prg Evt & Facility MGMT (3 Credits)

SPMT 279 Sport Program Events & Facility Management (3) This course provides students with an understanding of the intricacy and complexity involved in sport program event and facility management. Sport facility management includes a variety of activities such as planning and designing a sports facility, staff management, facility marketing, developing revenue streams, and facility scheduling and operating. Sport program event management consists of identifying goals of the event and coordinating people in the organizations involved to achieve those goals with the resources available. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 332 Sports Ethics and The Law (3 Credits)

Sports, Ethics and the Law (3) This course will explore the ethics and legal principles and rules of law affecting the administration of sports and recreation programs. Emphasis will be placed in the areas of negligence, product liability, nuisance, contracts, leisure, personnel practices, and risk management. Students are given opportunities to identify, examine, and present decisions on ethics issues related to sport and sport management. Theories of ethics, concepts of morality, codes of conduct, as well as personal philosophies in regard to social responsibility are some of the topics included in this course. Three hours of lecture per week. Prerequisites: SPMT 134 AND SPMT 273.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 333 Problems in Rec & Sports (3 Credits)

Problems in Urban Recreation & Sports (3) This course provides an in-depth analysis of the causes and consequences of contemporary problems in urban sports with a focus on minorities. Students will utilize the case-study approach to examine the social, political, and economic factors influencing the structure and experience of sport in American cities. Emphasis will be placed on formulating solutions and potential strategies to address identified problems. This course focuses on sports as social and cultural phenomena. Students will learn to use sociological concepts and critical thinking to discover how sports affect multiple spheres of our social life, particularly in African American and other minority communities. Three hours of lecture per week. Prerequisites: SPMT 134 AND SPMT 273.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 374 Special Topics in Sport Management (3 Credits)

The program in Sport Management wanted the rubric to be competitive with other institutions of higher learning in State of Texas with sport management, sport studies, exercise science and sport science rubrics and courses.

College/School: School of Communication

Department: Dept of Health & Kinesiology

SPMT 378 History of African American Entrepreneurship and the Connection Between Music & Sports (3 Credits)

This course will explore fully the circumstance of African American entrepreneurial history in of African America. This course will seek to create an environment for students to identify the racialized circumstance and arguments for bogus claims of African American failure in business, while providing the context of entrepreneurship, contracting, consulting and branding, specifically in the field of music and sports regarding the historical impact by African Americans. This course will also focus on important aspects in the contemporary political and social economy of African Americans. In exploring this entrepreneurial history, this course will provide the basic framework for understanding the research on innovation and best practices in entrepreneurship moving forward.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 399 Sports Management Seminar (2 Credits)

Sport Management Seminar (2) This course will explore the issues and applications of organizational and administrative principles of sport management. This is a capstone course that provides an opportunity for students to demonstrate that they have achieved the goals for learning established by this educational institution and department. Includes the opportunity to integrate and apply learning from the sport management program in a comprehensive manner. Two hours of lecture per week.

Majors only. Prerequisite: Junior standing.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 434 Admin of Athletics Org (3 Credits)

Administration of Athletics in Organizations (3) This course examines a philosophic rationale and a variety of methods that may be used to assess athletic programs and personnel. The course takes a unique view on the management of urban intercollegiate schools and HBCUs. The goals of this program are to improve the performance of athletic coaches and other athletic department personnel, improve program operations and improve satisfaction among players, parents and employees. Three hours of lecture per week. Prerequisites: SPMT 273 AND SPMT 332.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 476 Hist Sport Gov African Diaspo (3 Credits)

History of Sport Governance, African Diaspora & Black Colleges (HBCU) in Sports (3) This course examines sports sociology in a global, issues-oriented approach to study the role of sport in society and the African American culture of sports. It encourages the discussion of current sports-related issues and controversies as well as helps students develop critical thinking skills. It reviews the history of the African Diaspora in Sports and Black College Sports, specifically the history of the SWAC and the role Black College (HBCU) Sports play in Texas. Three hours of lecture per week. Prerequisite: SPMT 333.

Prerequisite(s): (SPMT 333)

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 496 Sport Management way/Study Abroad I (1 Credits)

This course will provide students an examination of the principles involved in planning and managing external remote sporting events outside of Houston and Texas Southern University and managing external. It provides student with orientation, observations and filed experiences in the development of external remote sporting events. Student will also partake in tours, hospitality management, and external remote sporting events related to core product of the sporting competitions themselves. 1 credit course.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 497 Sport Management Study/Away/Study Abroad II (1 Credits)

This course will provide students an examination of the principles involved in planning and managing external remote sporting events outside of Houston and Texas Southern University and managing external. It provides student with orientation, observations and filed experiences in the development of external remote sporting events. Student will also partake in tours, hospitality management, and external remote sporting events related to core product of the sporting competitions themselves. 1 credit course.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 498 Global Sport Culture & Leaders (3 Credits)

This course will explore sport within several countries and the globalization of sport. Students will meet with and learn from entrepreneurs, managers, administrators, and leaders in sport business areas of marketing, operations, management, law and others. This course will provide application for the development of skills necessary to be an effective and efficient leader regarding communication, motivation and corporate decision making in sport. 3 hours per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SPMT 499 Sport Mgmt Capstone (6 Credits)

The capstone course for the sport management majors integrates previously presented principles into practice. Students will complete a capstone project culminating in a project, paper, and presentation. The project will incorporate the various functions covered throughout the program: sports history, sport administration and leadership theory, sport marketing, sport finance, sport law, sport finance, sport law, sport communication, and sport public relations. Pre-requisite: senior status or permission of the departmental chair. 3 hours per week.

College/School: College Of Education

Department: Dept of Health & Kinesiology

Athletic Training, Bachelor of Science Option IV - (Concentration I) - Teacher Certification

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 141)	42
	General Education Core TCCNS Equivalent (p. 141)	
	Major Requirements (p. 141)	56
	Professional Development (p. 141)	21

Concentration Requirements (p. 141) 6

Total Hours 125

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 131	Biological Science I	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 230 or ENG 231	World Literature I World Literature II	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION PUBLIC ADDRESS	3
EDCI 210	Ins Tec	3
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent) Major (Athletic Training)

Code	Title	Hours
ATR 206	Intro to Athletic Trn	3
ATR 210	Athletic Taping & Bracing	1
ATR 212	Medical Terminology in At	1
ATR 222	Emerg Medical Tech	3
ATR 223	Clinical Preceptorship I	2
ATR 303	Biomechanics of Ex & SP Scienc	3
ATR 318	Ortho Assessment Upper I	3
ATR 340	Organ & Admin in AT	3
ATR 408	Therapeutic Modalities in AT	4
ATR 413	Rehabilitation Technique in AT	4
ATR 319	Ortho Assessment Lower II	3
KIN 127	Foundations I	3
KIN 399	Physical Ed Seminar	2
KIN 438	Physiology of Exercise I	3

Cognate Courses

FS 102	Freshman Seminar/ first Year Experience	1
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
BIOL 132	Biological Science II	3
BIOL 136	Human Anat & Phys II	3
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
GEOG 132	World Regional Geography	3
PE 1XX		1
PE 1XX		1
PE 1XX		1
Total Hours		57

Professional Development

Code	Title	Hours
EDCI 404	Cert Sem	3
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 468	DIR STU TCH ALL LEVELS	6
Total Hours		21

Concentration

Code	Title	Hours
NUTR 235	Introduction to Nutrition	3
MATH 231	Elementary Statistics	3
Total Hours		6

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

The 125 credit hours of concentration include the credit hours required for the Bachelor of Science in Athletic Training and Teacher Certification. All degree candidates must complete a 1350 clock hour internship working under a certified/licensed athletic trainer, and an approved externship.

Course	Title	Hours
First Year		
First Semester		
FS 102	Freshman Seminar/ first Year Experience	1
KIN 127	Foundations I	3
ENG 131	Freshman English I	3
HIST 231	Soc & Pol Hist US to 1877	3
MATH 133	College Algebra	3
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
	Hours	17
Second Semester		
ENG 132	Freshman English II	3
HIST 232	Soc & Pol Hist US Since 1877	3
GEOG 132	World Regional Geography	3

COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
ATR 212	Medical Terminology in At	1
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
Hours		17

Second Year**Third Semester**

ATR 222	Emerg Medical Tech	3
BIOL 135	Human Anat & Phys I	3
POLS 235	American Government	3
EDCI 210 or CS 116	Ins Tec or Intro To Compr Science I	3
ATR 206	Intro to Athletic Trn	3
ATR 210	Athletic Taping & Bracing	1
Hours		16

Fourth Semester

MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
POLS 236	Texas Government	3
ENG 230 or ENG 231	World Literature I or World Literature II	3
PSY 131	General Psychology	3
BIOL 136	Human Anat & Phys II	3
"PE 1XX"		1
Hours		16

Third Year**Fifth Semester**

ATR 223	Clinical Preceptorship I	2
EDCI 404	Cert Sem	3
ATR 318	Ortho Assessment Upper I	3
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
ATR 303	Biomechanics of Ex & SP Scienc	3
Hours		15

Sixth Semester

ATR 340	Organ & Admin in AT	3
MATH 231	Elementary Statistics	3
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
ATR 319	Ortho Assessment Lower II	3
"PE 1XX"		1
Hours		16

Fourth Year**Seventh Semester**

ATR 408	Therapeutic Modalities in AT	4
KIN 438	Physiology of Exercise I	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
NUTR 235	Introduction to Nutrition	3
Hours		16

Eighth Semester

KIN 399	Physical Ed Seminar	2
ATR 413	Rehabilitation Technique in AT	4
EDCI 468	DIR STU TCH ALL LEVELS	6
"PE 1XX"		
Hours		12
Total Hours		125

Athletic Training, Bachelor of Science Option IV - (Concentration II) - Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 142)	42
	General Education Core TCCNS Equivalent (p. 143)	
	Major Requirements (p. 143)	70
	Other Requirements (p. 143)	9
Total Hours		121

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 131	Biological Science I	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology ⁴	3
Institutional Options		
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION PUBLIC ADDRESS	3
EDCI 210	Ins Tec	3

or CS 116 Intro To Compr Science I

Total Hours 42

General Education Core Curriculum (TCCNS Equivalent) Major (Athletic Training)

Code	Title	Hours
ATR 206	Intro to Athletic Trn	3
ATR 210	Athletic Taping & Bracing	1
ATR 212	Medical Terminology in At	1
ATR 222	Emerg Medical Tech	3
ATR 223	Clinical Preceptorship I	2
ATR 303	Biomechanics of Ex & SP Scienc	3
ATR 318	Ortho Assessment Upper I	3
ATR 323	Clinical Preceptorship III	2
ATR 340	Organ & Admin in AT	3
ATR 408	Therapeutic Modalities in AT	4
ATR 413	Rehabilitation Technique in AT	4
ATR 319	Ortho Assessment Lower II	3
ATR 423	Clinical Preceptorship V	3
ATR 499	Clinical Exernship in Athletic Training	6
KIN 127	Foundations I	3
KIN 235	Intro to Adapted Physical Ed	3
KIN 399	Physical Ed Seminar	2
KIN 438	Physiology of Exercise I	3
Cognate Courses		
FS 102	Freshman Seminar/ first Year Experience	1
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
BIOL 132	Biological Science II	3
BIOL 136	Human Anat & Phys II	3
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
GEOL 141	Introduction To The Earth	3
PE 1XX		1
PE 1XX		
PE 1XX		
Total Hours		69

Other Requirements

Code	Title	Hours
NUTR 235	Introduction to Nutrition	3
MATH 231	Elementary Statistics	3
Approved Elective ⁵		3
Total Hours		9

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

³ Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

⁴ May also satisfy GEOL 141 Introduction To The Earth-GEOL1412 by taking PHYS 101 Principles of Physics

⁵ Approved Elective-advisor approval

All degree candidates must complete a 1350 clock hour internship working under a certified/licensed athletic trainer, and an approved externship.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
KIN 127	Foundations I	3
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		17
Second Semester		
ENG 132	Freshman English II	3
GEOL 141	Introduction To The Earth	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
ATR 212	Medical Terminology in At	1
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
Hours		17
Second Year		
Third Semester		
ATR 222	Emerg Medical Tech	3
BIOL 135	Human Anat & Phys I	3
POLS 235	American Government	3
EDCI 210	Ins Tec	3
or CS 116	or Intro To Compr Science I	
ATR 206	Intro to Athletic Trn	3
ATR 210	Athletic Taping & Bracing	1
Hours		16
Fourth Semester		
ENG 2XX	Upper level English	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
POLS 236	Texas Government	3
PSY 131	General Psychology	3
BIOL 136	Human Anat & Phys II	3
Hours		15

Third Year**Fifth Semester**

ATR 223	Clinical Preceptorship I	2
ATR 318	Ortho Assessment Upper I	3
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
ATR 303	Biomechanics of Ex & SP Scienc	3
PE 1XX		1
Hours		13

Sixth Semester

ATR 319	Ortho Assessment Lower II	3
ATR 340	Organ & Admin in AT	3
MATH 231	Elementary Statistics	3
KIN 438	Physiology of Exercise I	3
NUTR 235	Introduction to Nutrition	3
Hours		15

Fourth Year**Seventh Semester**

ATR 323	Clinical Preceptorship III	2
ATR 423	Clinical Preceptorship V	3
ATR 408	Therapeutic Modalities in AT	4
KIN 235	Intro to Adapted Physical Ed	3
Approved Elective		3
Hours		15

Eighth Semester

ATR 413	Rehabilitation Technique in AT	4
KIN 399	Physical Ed Seminar	2
ATR 499	Clinical Exernship in Athletic Training	6
PE 1XX		1
PE 1XX		
Hours		13
Total Hours		121

Health Studies, Bachelor of Science (CHES Certification) Option I (Concentration III) Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 144)	42
	General Education Core TCCNS Equivalent (p. 144)	
	Major Requirements (p. 144)	78
Total Hours		120

General Education Core Curriculum (Standard) ¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
EDCI 210	Ins Tec	3
or CS 116	Intro To Compr Science I	
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent) Major (Health Studies)

Code	Title	Hours
HED 230	Introduction to Health	3
HED 223	Basic C P R	2
HED 231	Introduction to Behavioral Health Theory	3
HED 235	Health and the Human Body	3
HED 236	Socioeconomic and Culture Influences on Health	3
HED 329	Health Promotion Theory and Practice	3
HED 333	Emergency and Care of Injuries	3
HED 334	Contemporary Health Problems	3
HED 336	Organ Admin Of Hlth Progrms	3
HED 339	Diseases & Consumer Health	3
HED 341	Epidemiology	3
HED 399	Health Seminar	2
HED 432	Fitness For Living	3
HED 433	Personal Health & Safety I	3
HED 434	Mental Health	3
HED 437	Measurement and Evaluation in Health	3

"HED 438	Health of Children and Adolescents"	3
"HED 439	Health Research Analysis"	3
HED 471	Drugs and Health	3
HED 472	Foundations of Safety	3
HED 477	Human Sexuality	3
HED 480		3
HED 499	Supervised Individual Work in Community Health	6
KIN 437	Kinesiology	3
or KIN 438	Physiology of Exercise I	
Cognate Courses		
PE 1XX		1
FS 102	Freshman Seminar/ first Year Experience	1
GEOL 141	Introduction To The Earth ⁴	3
Total Hours		78

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, OR ENGL 2326)

³ Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1301, OR HUMA 2323)

⁴ May also satisfy GEOL 141 Introduction To The Earth-GEOL 1412 by taking PHYS 101 Principles of Physics

Non-Teaching Degree Plan (Option I, Concentration III)

Course	Title	Hours
First Year		
First Semester		
MUSI 239	Fine Arts In Daily Living ¹	3
FS 102	Freshman Seminar/ first Year Experience	1
ENG 131	Freshman English I	3
GEOL 141	Introduction To The Earth ²	3
BIOL 143	Survey of Life Science	3
HED 230	Introduction to Health	3
Hours		16
Second Semester		
ENG 132	Freshman English II	3
HIST 231	Soc & Pol Hist US to 1877	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
MATH 133	College Algebra	3
HED 231	Introduction to Behavioral Health Theory	3
Hours		15
Second Year		
Third Semester		
ENG 2XX		3
PSY 131	General Psychology	3
HIST 232	Soc & Pol Hist US Since 1877	3

POLS 235	American Government	3
PE 1XX		1
HED 235	Health and the Human Body	3
Hours		16

Fourth Semester

EDCI 210	Ins Tec	3
or CS 116	or Intro To Compr Science I	
POLS 236	Texas Government	3
HED 223	Basic C P R	2
BIOL 135	Human Anat & Phys I	3
HED 236	Socioeconomic and Culture Influences on Health	3
Hours		14

Third Year

Fifth Semester

HED 329	Health Promotion Theory and Practice	3
HED 333	Emergency and Care of Injuries	3
HED 334	Contemporary Health Problems	3
HED 341	Epidemiology	3
HED 399	Health Seminar	2
HED 437	Measurement and Evaluation in Health	3
Hours		17

Sixth Semester

HED 336	Organ Admin Of Hlth Progms	3
HED 434	Mental Health	3
HED 432	Fitness For Living	3
"HED 438	Health of Children and Adolescents"	3
"HED 439	Health Research Analysis"	3
HED 339	Diseases & Consumer Health	3
Hours		18

Fourth Year

Seventh Semester

HED 433	Personal Health & Safety I	3
HED 477	Human Sexuality	3
HED 480		3
KIN 437	Kinesiology	3
or KIN 438	or Physiology of Exercise I	
Hours		12

Eighth Semester

HED 471	Drugs and Health	3
HED 472	Foundations of Safety	3
HED 499	Supervised Individual Work in Community Health	6
Hours		12
Total Hours		120

¹ Any one (1) of these: HUMA 1301 – MUSI 239 Fine Arts In Daily Living, DRAM 1310 – THEA 130 Introduction to Theatre, ARTS 1316 – ART 131 Drawing & Composition I

² May also satisfy GEOL 1303 – GEOL 141 Introduction To The Earth by taking PHYS 101 Principles of Physics

Must consult with Internship advisor in regard to HED 499 Supervised Individual Work in Community Health prior to beginning of Senior Year.

Must have Grade Point Average (GPA) of 2.5 or above – Must have earned 90 hours minimum above before HED 499 Supervised Individual Work in Community Health. Must complete all courses with “C” or Better.

TCCNS Degree Plan

First & Second Year

¹ Any one (1) of these: PYSC 2301 – PSY 131 General Psychology, SOC 1301 – SOC 157 Introduction To Sociology, GEOG 1303 – GEOG 132 World Regional Geography

Must have Grade Point Average (GPA) of 2.5 or above – Must complete all courses with “C” or Better.

Degree Plan (CHES Certification) Option I (Concentration III) Non-Teaching

Course	Title	Hours
First Year		
First Semester		
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
FS 102	Freshman Seminar/ first Year Experience	1
BIOL 143	Survey of Life Science	3
ENG 131	Freshman English I	3
GEOG 141	Introduction To The Earth	3
HED 230	Introduction to Health	3
Hours		16
Second Semester		
ENG 132	Freshman English II	3
HIST 231	Soc & Pol Hist US to 1877	3
MATH 133	College Algebra	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
HED 231	Introduction to Behavioral Health Theory	3
Hours		15
Second Year		
Third Semester		
ENG 2XX		3
HED 235	Health and the Human Body	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 235	American Government	3
PE 1XX		1
PSY 131	General Psychology	3
Hours		16
Fourth Semester		
EDCI 210 or CS 116	Ins Tec or Intro To Compr Science I	3
POLS 236	Texas Government	3
HED 223	Basic C P R	2
BIOL 135	Human Anat & Phys I	3
HED 236	Socioeconomic and Culture Influences on Health	3
Hours		14

Third Year

Fifth Semester

HED 329	Health Promotion Theory and Practice	3
HED 333	Emergency and Care of Injuries	3
HED 334	Contemporary Health Problems	3
HED 341	Epidemiology	3
HED 399	Health Seminar	2
HED 437	Measurement and Evaluation in Health	3
Hours		17

Sixth Semester

HED 336	Organ Admin Of Hlth Progms	3
HED 434	Mental Health	3
HED 432	Fitness For Living	3
"HED 438	Health of Children and Adolescents"	3
"HED 439	Health Research Analysis"	3
HED 339	Diseases & Consumer Health	3
Hours		18

Fourth Year

Seventh Semester

KIN 437 or KIN 438	Kinesiology or Physiology of Exercise I	3
HED 433	Personal Health & Safety I	3
HED 477	Human Sexuality	3
HED 480		3
Hours		12

Eighth Semester

HED 471	Drugs and Health	3
HED 472	Foundations of Safety	3
HED 499	Supervised Individual Work in Community Health	6
Hours		12
Total Hours		120

Health Studies, Bachelor of Science Option I (Concentration II) Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 147)	42
	General Education Core TCCNS Equivalent (p. 147)	
	Major Requirements (p. 147)	66
	Other Requirements (p. 147)	12
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
EDCI 210	Ins Tec	3
or CS 116	Intro To Compr Science I	
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent) Major (Health Studies)

Code	Title	Hours
HED 233	History & Principles of Health	2
HED 223	Basic C P R	2
HED 234	Hlth & Biolfuncs	3
or HED 235	Health and the Human Body	
HED 333	Emergency and Care of Injuries	3
or HED 334	Contemporary Health Problems	
HED 335	Problems In Community Hygiene	3
HED 336	Organ Admin Of Hlth Progms	3
HED 339	Diseases & Consumer Health	3
HED 340	Epidemiology	3
or HED 341	Epidemiology	
HED 399	Health Seminar	2
HED 432	Fitness For Living	3
HED 433	Personal Health & Safety I	3
HED 434	Mental Health	3
or HED 480		

HED 436	Hygiene Of The School Child	3
"HED 438	Health of Children and Adolescents"	
HED 471	Drugs and Health	3
HED 472	Foundations of Safety	3
HED 477	Human Sexuality	3
HED 499	Supervised Individual Work in Community Health	6
KIN 437	Kinesiology	3
or KIN 438	Physiology of Exercise I	
Cognate Courses		
FS 102	Freshman Seminar/ first Year Experience	1
PE 1XX		1
PE 1XX		1
GEOL 141	Introduction To The Earth	3
Approved Elective ⁴		6
Total Hours		66

Other Requirements

Code	Title	Hours
	Outside Interest-Advisor approval	12
Total Hours		12

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, OR ENGL 2326)

³ Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1301, OR HUMA 2323)

⁴ Approved Elective-advisor approval

Course	Title	Hours
First Year		
First Semester		
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
FS 102	Freshman Seminar/ first Year Experience	1
BIOL 143	Survey of Life Science	3
ENG 131	Freshman English I	3
GEOL 141	Introduction To The Earth	3
HED 233	History & Principles of Health	2
Hours		15
Second Semester		
ENG 132	Freshman English II	3
HIST 231	Soc & Pol Hist US to 1877	3
MATH 133	College Algebra	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
PSY 131	General Psychology	3
Hours		15

Second Year**Third Semester**

ENG 2XX		3
HED 234	Hlth & Biolfuncs	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 135	Human Anat & Phys I	3
PE 1XX		1
POLS 235	American Government	3
Hours		16

Fourth Semester

EDCI 210	Ins Tec	3
	or CS 116 or Intro To Compr Science I	
POLS 236	Texas Government	3
HED 223	Basic C P R	2
PE 1XX		1
HED 333	Emergency and Care of Injuries	3
	or HED 334 or Contemporary Health Problems	
HED 336	Organ Admin Of Hlth Progrms	3
Hours		15

Third Year**Fifth Semester**

HED 335	Problems In Community Hygiene	3
HED 340	Epidemiology	3
	or HED 341 or Epidemiology	
HED 399	Health Seminar	2
HED 436	Hygiene Of The School Child	3
"HED 438	Health of Children and Adolescents"	
Approved Elective		3
Approved Elective		3
Hours		17

Sixth Semester

HED 434	Mental Health	3
	or HED 480 or	
HED 339	Diseases & Consumer Health	3
HED 432	Fitness For Living	3
HED 471	Drugs and Health	3
HED 472	Foundations of Safety	3
Hours		15

Fourth Year**Seventh Semester**

KIN 437	Kinesiology	3
	or KIN 438 or Physiology of Exercise I	
HED 433	Personal Health & Safety I	3
HED 477	Human Sexuality	3
Outside Interest		3
Outside Interest		3
Hours		15

Eighth Semester

HED 499	Supervised Individual Work in Community Health	6
Outside Interest		3

Outside Interest	3
Hours	12
Total Hours	120

Health Studies, Bachelor of Science Option I - Teacher Certification

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 148)		
General Education Core TCCNS Equivalent (p. 149)		
Major Requirements (p. 149)		
Professional Development (p. 149)		
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
	or ENG 231 World Literature II	
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
EDCI 210	Ins Tec	3
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent) Major (Health Studies)

Code	Title	Hours
HED 223	Basic C P R	2
HED 233	History & Principles of Health	2
HED 234	Hlth & Biolfuncs	3
HED 333	Emergency and Care of Injuries	3
HED 335	Problems In Community Hygiene	3
HED 336	Organ Admin Of Hlth Progms	3
HED 339	Diseases & Consumer Health	3
HED 399	Health Seminar	2
HED 340	Epidemiology	3
HED 432	Fitness For Living	3
HED 433	Personal Health & Safety I	3
HED 434	Mental Health	3
HED 436	Hygiene Of The School Child	3
HED 471	Drugs and Health	3
HED 477	Human Sexuality	3
KIN 437 or KIN 438	Kinesiology Physiology of Exercise I	3
Cognate Courses		
FS 102	Freshman Seminar/ first Year Experience	1
PE 107	Walk Jog Fitness Appraisal	1
PE 122	Aerobic Activity	1
KIN 331	Performance Practicum	3
GEOG 132	World Regional Geography	3
Total Hours		54

Professional Development

Code	Title	Hours
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
RDG 401	Div Pop	3
EDCI 468	DIR STU TCH ALL LEVELS	6
EDCI 404	Cert Sem	3
Total Hours		24

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

Course	Title	Hours
First Year		
First Semester		
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
FS 102	Freshman Seminar/ first Year Experience	1
BIOL 143	Survey of Life Science	3
ENG 131	Freshman English I	3

HED 233	History & Principles of Health	2
MATH 133	College Algebra	3
Hours		15

Second Semester

ENG 132	Freshman English II	3
HIST 231	Soc & Pol Hist US to 1877	3
POLS 235	American Government	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
PSY 131	General Psychology	3
HED 223	Basic C P R	2
Hours		17

Second Year

Third Semester

ENG 2XX		3
BIOL 135	Human Anat & Phys I	3
HED 234	Hlth & Biolfuncs	3
GEOG 132	World Regional Geography	3
PE 122	Aerobic Activity	1
Hours		13

Fourth Semester

HIST 232	Soc & Pol Hist US Since 1877	3
POLS 235	American Government	3
HED 333	Emergency and Care of Injuries	3
HED 336	Organ Admin Of Hlth Progms	3
EDCI 210	Ins Tec	3
Hours		15

Third Year

Fifth Semester

HED 335	Problems In Community Hygiene	3
HED 340	Epidemiology	3
KIN 331	Performance Practicum	3
HED 399	Health Seminar	2
EDCI 404	Cert Sem	3
HED 433	Personal Health & Safety I	3
Hours		17

Sixth Semester

HED 432	Fitness For Living	3
HED 339	Diseases & Consumer Health	3
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
KIN 437 or KIN 438	Kinesiology or Physiology of Exercise I	3
PE 107	Walk Jog Fitness Appraisal	1
Hours		16

Fourth Year

Seventh Semester

HED 477	Human Sexuality	3
HED 436	Hygiene Of The School Child	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3

RDG 401	Div Pop	3
Hours		15
Eighth Semester		
HED 434	Mental Health	3
HED 471	Drugs and Health	3
EDCI 468	DIR STU TCH ALL LEVELS	6
Hours		12
Total Hours		120

Health Studies, Minor

21 semester credit hours are required through enrollment in the following courses in the Department:

Code	Title	Hours
HED 234	Hlth & Biolfuncs	3
HED 335	Problems In Community Hygiene	3
HED 340	Epidemiology	3
HED 432	Fitness For Living	3
HED 433	Personal Health & Safety I	3
HED 471	Drugs and Health	3
HED 477	Human Sexuality	3
Total Hours		21

Grades of "C" or better, where grades of "C-" are not acceptable, must be earned in all classes making up the 21 credits. For the online minor in Health Studies students should visit TSU Online for more information.

Kinesiology, Bachelor of Science Option II - (Concentration I) - Teacher Certification

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 150)		42
General Education Core TCCNS Equivalent (p. 150)		
Major Requirements (p. 150)		54
Professional Development (p. 151)		24
Total Hours		120

General Education Core Curriculum (Standard) ¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		

BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
or ENG 231	World Literature II	
Creative Arts		
MUSI 239	Fine Arts In Daily Living ²	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
EDCI 210	Ins Tec	3
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent) Major (Kinesiology)

Code	Title	Hours
KIN 127	Foundations I	3
KIN 233	Foundations II	3
KIN 235	Intro to Adapted Physical Ed	3
KIN 324	Advanced Swimming	2
KIN 302	Phys Fitness Progs Elem & Sec	3
KIN 331	Performance Practicum	3
KIN 332	Coach & Office Acts Sec SCH	3
KIN 336	Org & Admin Phy Edu	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3
KIN 338	Prin & Tech Outdoor&Elis Acts	3
KIN 378	Ind Dev & Motor Learning	3
KIN 435	Tests & Measurements	3
KIN 437	Kinesiology	3
KIN 438	Physiology of Exercise I	3
KIN 399	Physical Ed Seminar	2
KIN 432	Rhym & Games Elem Sch Teachs	3
Cognate Courses		
FS 102	Freshman Seminar/ first Year Experience	1
KIN 212	Individual Sports/ActivitiesII	1
HED 333	Emergency and Care of Injuries	3
GEOG 132	World Regional Geography	3
Total Hours		54

Professional Development

Code	Title	Hours
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 404	Cert Sem	3
EDCI 468	DIR STU TCH ALL LEVELS	6
RDG 401	Div Pop	3
Total Hours		24

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

Course	Title	Hours
First Year		
First Semester		
FS 102	Freshman Seminar/ first Year Experience	1
KIN 127	Foundations I	3
BIOL 143	Survey of Life Science	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
MATH 133	College Algebra	3
ENG 131	Freshman English I	3
	Hours	16
Second Semester		
ENG 132	Freshman English II	3
GEOG 132	World Regional Geography	3
PSY 131	General Psychology	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
KIN 233	Foundations II	3
	Hours	15
Second Year		
Third Semester		
ENG 230 or ENG 231	World Literature I or World Literature II	3
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
KIN 324	Advanced Swimming	2
KIN 235	Intro to Adapted Physical Ed	3
	Hours	14
Fourth Semester		
BIOL 135	Human Anat & Phys I	3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
HED 333	Emergency and Care of Injuries	3
EDCI 210	Ins Tec	3

KIN 212	Individual Sports/ActivitiesII	1
	Hours	16

Third Year

Fifth Semester

KIN 302	Phys Fitness Progs Elem & Sec	3
KIN 331	Performance Practicum	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3
KIN 338	Prin & Tech Outdoor&Elis Acts	3
KIN 435	Tests & Measurements	3
EDCI 404	Cert Sem	3
	Hours	18

Sixth Semester

KIN 336	Org & Admin Phy Edu	3
KIN 378	Ind Dev & Motor Learning	3
KIN 332	Coach & Office Acts Sec SCH	3
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
	Hours	15

Fourth Year

Seventh Semester

KIN 399	Physical Ed Seminar	2
KIN 432	Rhym & Games Elem Sch Teachs	3
KIN 437	Kinesiology	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
	Hours	14

Eighth Semester

RDG 401	Div Pop	3
KIN 438	Physiology of Exercise I	3
EDCI 468	DIR STU TCH ALL LEVELS	6
	Hours	12
	Total Hours	120

Kinesiology, Bachelor of Science Option II - (Concentration I) - Recreation & Leisure Studies Concentration - Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 152)	42
	General Education Core TCCNS Equivalent (p. 152)	
	Major Requirements (p. 152)	46
	Concentration Requirements (p. 152)	32
	Total Hours	120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION PUBLIC ADDRESS	3
EDCI 210 or CS 116	Ins Tec Intro To Compr Science I	3
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent)

Major (Human Performance)

Code	Title	Hours
KIN 127	Foundations I	3
KIN 233	Foundations II	3
KIN 235	Intro to Adapted Physical Ed	3
KIN 324	Advanced Swimming	2
KIN 336	Org & Admin Phy Edu	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3
KIN 338	Prin & Tech Outdoor&Elis Acts	3
KIN 372	Therapeutic Exercise Modals	3
KIN 374	Sociology Of Sports	3
KIN 435	Tests & Measurements	3
KIN 437	Kinesiology	3
KIN 438	Physiology of Exercise I	3
Cognate Courses		
FS 102	Freshman Seminar/ first Year Experience	1
PE 1XX		1
HED 333	Emergency and Care of Injuries	3

MATH 138	Mathematics for Business and Economics Analysis II	3
Approved Elective ⁴		3
Total Hours		46

Concentration (Recreation & Leisure)

Code	Title	Hours
REC 234	Foundation Rec Parks & Leisure	3
REC 332	Aquatics Facility Mgmt & Water	3
REC 333	Leisure Studs Human Diversity	3
REC 335	Prog & Promotions in Rec Park	3
REC 373	Hist & Philosophy Rec Park	3
REC 379	Facility Planng & Maintenance	3
REC 399	Prof Development Capstone	2
REC 434	Mmgt in Rec Sport and Leisure	3
REC 476	Therapeutic Rec Interven	3
REC 499	Internship: Rec Park & Leisure	6
Total Hours		32

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

³ Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

⁴ Approved Elective-advisor approval

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
BIOL 143	Survey of Life Science	3
MATH 135	Mathematics for Business and Economic Analysis I	3
KIN 127	Foundations I	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		13
Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Business and Economics Analysis II	3
PSY 131	General Psychology	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
KIN 233	Foundations II	3
Hours		15
Second Year		
Third Semester		
ENG 2XX		3
HIST 231	Soc & Pol Hist US to 1877	3

POLS 235	American Government	3
BIOL 135	Human Anat & Phys I	3
KIN 235	Intro to Adapted Physical Ed	3
KIN 324	Advanced Swimming	2

Hours		17
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Fourth Semester

HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
REC 234	Foundation Rec Parks & Leisure	3
EDCI 210	Ins Tec	3

Hours		15
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Third Year**Fifth Semester**

KIN 372	Therapeutic Exercise Modals	3
KIN 374	Sociology Of Sports	3
KIN 435	Tests & Measurements	3
REC 332	Aquatics Facility Mgmt & Water	3
REC 333	Leisure Studs Human Diversity	3
REC 335	Prog & Promotions in Rec Park	3

Hours		18
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Sixth Semester

KIN 336	Org & Admin Phy Edu	3
HED 333	Emergency and Care of Injuries	3
REC 373	Hist & Philosophy Rec Park	3
REC 379	Facility Planng & Maintenance	3
REC 434	Mmgt in Rec Sport and Leisure	3

Hours		15
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Fourth Year**Seventh Semester**

REC 399	Prof Development Capstone	2
REC 476	Therapeutic Rec Interven	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3
KIN 338	Prin & Tech Outdoor&Elis Acts	3
KIN 437	Kinesiology	3
PE 1XX		1

Hours		15
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Eighth Semester

Approved Elective		3
KIN 438	Physiology of Exercise I	3
REC 499	Internship: Rec Park & Leisure	6

Hours		12
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Total Hours		120
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Kinesiology, Bachelor of Science Option II - (Concentration II) - Recreation & Leisure Studies Concentration - Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 153)	42
	General Education Core TCCNS Equivalent (p. 154)	
	Major Requirements (p. 154)	46
	Concentration Requirements (p. 154)	32
Total Hours		120

General Education Core Curriculum (Standard) ¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
EDCI 210	Ins Tec	3
	or CS 116 Intro To Compr Science I	
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent) Major (Human Performance)

Code	Title	Hours
KIN 127	Foundations I	3
KIN 233	Foundations II	3
KIN 235	Intro to Adapted Physical Ed	3
KIN 324	Advanced Swimming	2
KIN 336	Org & Admin Phy Edu	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3
KIN 338	Prin & Tech Outdoor&Elis Acts	3
KIN 372	Therapeutic Exercise Modals	3
KIN 374	Sociology Of Sports	3
KIN 435	Tests & Measurements	3
KIN 437	Kinesiology	3
KIN 438	Physiology of Exercise I	3
Cognate Courses		
FS 102	Freshman Seminar/ first Year Experience	1
PE 1XX		1
HED 333	Emergency and Care of Injuries	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
Approved Elective ⁴		3
Total Hours		46

Concentration (Recreation & Leisure)

Code	Title	Hours
REC 234	Foundation Rec Parks & Leisure	3
REC 332	Aquatics Facility Mgmt & Water	3
REC 333	Leisure Studs Human Diversity	3
REC 335	Prog & Promotions in Rec Park	3
REC 373	Hist & Philosophy Rec Park	3
REC 379	Facility Planng & Maintenance	3
REC 399	Prof Development Capstone	2
REC 434	Mmgt in Rec Sport and Leisure	3
REC 476	Therapeutic Rec Interven	3
REC 499	Internship: Rec Park & Leisure	6
Total Hours		32

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

³ Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

⁴ Approved Elective-advisor approval

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
BIOL 143	Survey of Life Science	3
MATH 135	Mathematics for Business and Economic Analysis I	3
KIN 127	Foundations I	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		13
Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
PSY 131	General Psychology	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
KIN 233	Foundations II	3
Hours		15
Second Year		
Third Semester		
ENG 2XX		3
HIST 231	Soc & Pol Hist US to 1877	3
POLS 235	American Government	3
BIOL 135	Human Anat & Phys I	3
KIN 235	Intro to Adapted Physical Ed	3
KIN 324	Advanced Swimming	2
Hours		17
Fourth Semester		
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
EDCI 210	Ins Tec	3
REC 234	Foundation Rec Parks & Leisure	3
Hours		15
Third Year		
Fifth Semester		
KIN 372	Therapeutic Exercise Modals	3
KIN 374	Sociology Of Sports	3
KIN 435	Tests & Measurements	3
REC 332	Aquatics Facility Mgmt & Water	3
REC 333	Leisure Studs Human Diversity	3
REC 335	Prog & Promotions in Rec Park	3
Hours		18
Sixth Semester		
KIN 336	Org & Admin Phy Edu	3
REC 434	Mmgt in Rec Sport and Leisure	3
HED 333	Emergency and Care of Injuries	3
REC 373	Hist & Philosophy Rec Park	3
REC 379	Facility Planng & Maintenance	3
Hours		15

Fourth Year**Seventh Semester**

REC 399	Prof Development Capstone	2
REC 476	Therapeutic Rec Interven	3
KIN 437	Kinesiology	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3
KIN 338	Prin & Tech Outdoor&Elis Acts	3
PE 1XX		1
Hours		15

Eighth Semester

Approved Elective		3
KIN 438	Physiology of Exercise I	3
REC 499	Internship: Rec Park & Leisure	6
Hours		12
Total Hours		120

Kinesiology, Minor

21 semester credit hours are required through enrollment in the following courses in the Department:

Code	Title	Hours
KIN 127	Foundations I	3
KIN 211	Individual Sports & Activities	1
KIN 212	Individual Sports/ActivitiesII	1
KIN 235	Intro to Adapted Physical Ed	3
KIN 302	Phys Fitness Progs Elem & Sec	3
KIN 324	Advanced Swimming	2
KIN 327	Advanced Gymnastics	2
KIN 336	Org & Admin Phy Edu	3
KIN 437	Kinesiology	3
Total Hours		21

Grades of "C" or better, where grades of "C-" are not acceptable, must be earned in all classes making up the 21 credits.

Recreation & Leisure Studies, Minor

21 semester credit hours are required through enrollment in the following courses in the Department:

Code	Title	Hours
REC 234	Foundation Rec Parks & Leisure	3
REC 332	Aquatics Facility Mgmt & Water	3
REC 333	Leisure Studs Human Diversity	3
REC 335	Prog & Promotions in Rec Park	3
REC 373	Hist & Philosophy Rec Park	3
REC 379	Facility Planng & Maintenance	3
REC 434	Mmgt in Rec Sport and Leisure	3
or REC 476	Therapeutic Rec Interven	
Total Hours		21

Grades of "C" or better, where grades of "C-" are not acceptable, must be earned in all classes making up the 21 credits.

Sport Management, Bachelor of Science Option III - (Concentration I) - Business Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 155)		42
General Education Core TCCNS Equivalent (p. 156)		
Major Requirements (p. 156)		54
Concentration Requirements (p. 156)		24
Total Hours		120

General Education Core Curriculum (Standard) ¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology ⁴	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent) Major (Sport Management)

Code	Title	Hours
SPMT 134	Sport & Entertainment Mgmt	3
SPMT 135	Sport Marketing & Promotions	3
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 279	Sport Prg Evnt & Facility MGMT	3
SPMT 332	Sports Ethics and The Law	3
SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 399	Sports Management Seminar	2
SPMT 476	Hist Sport Gov African Disaspo	3
SPMT 499	Sport Mgmt Capstone	6
Cognate Courses		
KIN 127	Foundations I	3
KIN 233	Foundations II	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
FS 102	Freshman Seminar/ first Year Experience	1
Approved Elective ⁵		9
Total Hours		54

Concentration (Business)

Code	Title	Hours
ACCT 231	Principles Of Accounting I	3
ACCT 232	Principles of Accounting II	3
BADM 234	Legal & Regulatory Envir of Bu	3
ECON 231	Principles Of Economics I	3
ECON 232	Principles Of Economics II	3
FIN 301	Basic Financial Management	3
MKTG 306	Principles of Marketing	3
"Elec BADM	Elec BADM"	3
Total Hours		24

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

³ Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

⁴ Any one (1) of these: PSY 131 General Psychology-PYSC 2301, SOC 157 Introduction To Sociology-SOC 1301, GEOG 132 World Regional Geography-GEOG 1303

⁵ Approved Elective-advisor approval

Course	Title	Hours
First Year		
First Semester		
CS 116	Intro To Compr Science I	3
ENG 131	Freshman English I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
SPMT 134	Sport & Entertainment Mgmt	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
PSY 131	General Psychology	3
SPMT 135	Sport Marketing & Promotions	3
BIOL 143	Survey of Life Science	3
Hours		15
Second Year		
Third Semester		
HIST 231	Soc & Pol Hist US to 1877	3
KIN 127	Foundations I	3
ENG 2XX		3
BIOL 135	Human Anat & Phys I	3
POLS 235	American Government	3
Hours		15
Fourth Semester		
HIST 232	Soc & Pol Hist US Since 1877	3
SPMT 279	Sport Prg Evnt & Facility MGMT	3
ECON 231	Principles Of Economics I	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
POLS 236	Texas Government	3
Hours		15
Third Year		
Fifth Semester		
ECON 232	Principles Of Economics II	3
ACCT 231	Principles Of Accounting I	3
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 332	Sports Ethics and The Law	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3
Approved Elective		3
Hours		18
Sixth Semester		
KIN 233	Foundations II	3
ACCT 232	Principles of Accounting II	3
SPMT 476	Hist Sport Gov African Disaspo	3
BADM 234	Legal & Regulatory Envir of Bu	3
Approved Elective		3
Hours		15

Fourth Year**Seventh Semester**

Approved Elective		3
MKTG 306	Principles of Marketing	3
FIN 301	Basic Financial Management	3
"Elec BADM	Elec BADM"	3
SPMT 399	Sports Management Seminar	2
Hours		14

Eighth Semester

SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 499	Sport Mgmt Capstone	6
Hours		12
Total Hours		120

Sport Management, Bachelor of Science Option III - (Concentration II) - Health Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 157)	42
	General Education Core TCCNS Equivalent (p. 157)	
	Major Requirements (p. 157)	52
	Concentration Requirements (p. 157)	26
Total Hours		120

General Education Core Curriculum (Standard) ¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3

POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology ⁴	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent)

Major (Sport Management)

Code	Title	Hours
SPMT 134	Sport & Entertainment Mgmt	3
SPMT 135	Sport Marketing & Promotions	3
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 279	Sport Prg Evnt & Facility MGMT	3
SPMT 332	Sports Ethics and The Law	3
SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 399	Sports Management Seminar	2
SPMT 476	Hist Sport Gov African Disaspo	3
SPMT 499	Sport Mgmt Capstone	6

Cognate Courses

FS 102	Freshman Seminar/ first Year Experience	1
KIN 233	Foundations II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
ECON 231	Principles Of Economics I	3
Approved Elective ⁵		1
Approved Elective ⁵		9
Total Hours		52

Concentration (Health)

Code	Title	Hours
HED 233	History & Principles of Health	2
HED 333	Emergency and Care of Injuries	3
HED 335	Problems In Community Hygiene	3
HED 340	Epidemiology	3
HED 432	Fitness For Living	3
HED 433	Personal Health & Safety I	3
HED 471	Drugs and Health	3
HED 477	Human Sexuality	3
HED Elective		3
Total Hours		26

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

³ Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

⁴ Any one (1) of these: PSY 131 General Psychology-PYSC 2301, SOC 157 Introduction To Sociology-SOC 1301, GEOG 132 World Regional Geography-GEOG 1303

⁵ Approved Elective-advisor approval

Course	Title	Hours
First Year		
First Semester		
CS 116	Intro To Compr Science I	3
ENG 131	Freshman English I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
SPMT 134	Sport & Entertainment Mgmt	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
PSY 131	General Psychology	3
SPMT 135	Sport Marketing & Promotions	3
BIOL 143	Survey of Life Science	3
Hours		15
Second Year		
Third Semester		
HIST 231	Soc & Pol Hist US to 1877	3
KIN 127	Foundations I	3
ENG 2XX		3
BIOL 135	Human Anat & Phys I	3
POLS 235	American Government	3
Hours		15
Fourth Semester		
HIST 232	Soc & Pol Hist US Since 1877	3
SPMT 279	Sport Prg Evnt & Facility MGMT	3
ECON 231	Principles Of Economics I	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
POLS 236	Texas Government	3
Hours		15
Third Year		
Fifth Semester		
ECON 232	Principles Of Economics II	3
ACCT 231	Principles Of Accounting I	3
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 332	Sports Ethics and The Law	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3

Approved Elective		3
Hours		18
Sixth Semester		
KIN 233	Foundations II	3
ACCT 232	Principles of Accounting II	3
SPMT 476	Hist Sport Gov African Disaspo	3
BADM 234	Legal & Regulatory Envir of Bu	3
Approved Elective		3
Hours		15
Fourth Year		
Seventh Semester		
Approved Elective		3
MKTG 306	Principles of Marketing	3
FIN 301	Basic Financial Management	3
ELEC BADM		3
SPMT 399	Sports Management Seminar	2
Hours		14
Eighth Semester		
SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 499	Sport Mgmt Capstone	6
Hours		12
Total Hours		120

Sport Management, Bachelor of Science Option III - (Concentration II) - Kinesiology Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 158)	42
	General Education Core TCCNS Equivalent (p. 159)	
	Major Requirements (p. 159)	52
	Concentration Requirements (p. 159)	26
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3

BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology ⁴	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent) Major (Sport Management)

Code	Title	Hours
SPMT 134	Sport & Entertainment Mgmt	3
SPMT 135	Sport Marketing & Promotions	3
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 279	Sport Prg Evtnt & Facility MGMT	3
SPMT 332	Sports Ethics and The Law	3
SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 399	Sports Management Seminar	2
SPMT 476	Hist Sport Gov African Disaspo	3
SPMT 499	Sport Mgmt Capstone	6
Cognate Courses		
FS 102	Freshman Seminar/ first Year Experience	1
KIN 233	Foundations II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
ECON 231	Principles Of Economics I	3
Approved Elective ⁵		1
Approved Elective ⁵		9
Total Hours		52

Concentration (Health)

Code	Title	Hours
HED 233	History & Principles of Health	2
HED 333	Emergency and Care of Injuries	3
HED 335	Problems In Community Hygiene	3
HED 340	Epidemiology	3
HED 432	Fitness For Living	3
HED 433	Personal Health & Safety I	3

HED 471	Drugs and Health	3
HED 477	Human Sexuality	3
HED Elective		3
Total Hours		26

- Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.
- ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)
- Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)
- Any one (1) of these: PSY 131 General Psychology-PYSC 2301, SOC 157 Introduction To Sociology-SOC 1301, GEOG 132 World Regional Geography-GEOG 1303
- Approved Elective-advisor approval

Course	Title	Hours
First Year		
First Semester		
KIN 127	Foundations I	3
ENG 131	Freshman English I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
SPMT 134	Sport & Entertainment Mgmt	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
PSY 131	General Psychology	3
SPMT 135	Sport Marketing & Promotions	3
BIOL 143	Survey of Life Science	3
Hours		15
Second Year		
Third Semester		
HIST 231	Soc & Pol Hist US to 1877	3
CS 116	Intro To Compr Science I	3
ENG 2XX		3
BIOL 135	Human Anat & Phys I	3
POLS 235	American Government	3
Hours		15
Fourth Semester		
HIST 232	Soc & Pol Hist US Since 1877	3
KIN 233	Foundations II	3
ECON 231	Principles Of Economics I	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3

POLS 236	Texas Government	3
Hours		15
Third Year		
Fifth Semester		
SPMT 273	Mngl Com & Media Rtl in Sports	3
KIN 337	Mov Skill Dev Elem - Pe Elem	3
KIN 302	Phys Fitness Progs Elem & Sec	3
KIN 374	Sociology Of Sports	3
SPMT 332	Sports Ethics and The Law	3
KIN 435	Tests & Measurements	3
Hours		18
Sixth Semester		
SPMT 279	Sport Prg Evnt & Facility MGMT	3
KIN 324	Advanced Swimming	2
SPMT 476	Hist Sport Gov African Disaspo	3
KIN 378	Ind Dev & Motor Learning	3
KIN 438	Physiology of Exercise I	3
Hours		14
Fourth Year		
Seventh Semester		
KIN 327	Advanced Gymnastics	2
KIN 338	Prin & Tech Outdoor&Elis Acts	3
SPMT 399	Sports Management Seminar	2
KIN 437	Kinesiology	3
HED 333	Emergency and Care of Injuries	3
Approved Elective		2
Hours		15
Eighth Semester		
SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 499	Sport Mgmt Capstone	6
Hours		12
Total Hours		120

Sport Management, Bachelor of Science Option III - (Concentration IV) - Journalism Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 160)	42
	General Education Core TCCNS Equivalent (p. 160)	
	Major Requirements (p. 160)	55
	Concentration Requirements (p. 161)	23
Total Hours		120

General Education Core Curriculum (Standard) ¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology ⁴	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent) Major (Sport Management)

Code	Title	Hours
SPMT 134	Sport & Entertainment Mgmt	3
SPMT 135	Sport Marketing & Promotions	3
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 279	Sport Prg Evnt & Facility MGMT	3
SPMT 332	Sports Ethics and The Law	3
SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 399	Sports Management Seminar	2
SPMT 476	Hist Sport Gov African Disaspo	3
SPMT 499	Sport Mgmt Capstone	6
Cognate Courses		
FS 102	Freshman Seminar/ first Year Experience	1
KIN 127	Foundations I	3
KIN 233	Foundations II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
ECON 231	Principles Of Economics I	3

Approved Elective ⁵	10
Total Hours	55

Concentration (Journalism)

Code	Title	Hours
JOUR 130	Intro To Journalism	3
JOUR 132	Intro To Reporting	4
JOUR 238	Intermediate Reporting	4
JOUR 253	News Editing I	3
JOUR Elective		3
JOUR Elective		3
JOUR Elective		3
Total Hours		23

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

³ Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

⁴ Any one (1) of these: PSY 131 General Psychology-PYSC 2301, SOC 157 Introduction To Sociology-SOC 1301, GEOG 132 World Regional Geography-GEOG 1303

⁵ Approved Elective-advisor approval

Course	Title	Hours
First Year		
First Semester		
KIN 127	Foundations I	3
ENG 131	Freshman English I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
SPMT 134	Sport & Entertainment Mgmt	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 138	Mathematics for Business and Economics Analysis II	3
KIN 233	Foundations II	3
SPMT 135	Sport Marketing & Promotions	3
BIOL 143	Survey of Life Science	3
Hours		15
Second Year		
Third Semester		
HIST 231	Soc & Pol Hist US to 1877	3
CS 116	Intro To Compr Science I	3
ENG 2XX		3

BIOL 135	Human Anat & Phys I	3
POLS 235	American Government	3
Hours		15

Fourth Semester

HIST 232	Soc & Pol Hist US Since 1877	3
PSY 131	General Psychology	3
ECON 231	Principles Of Economics I	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
POLS 236	Texas Government	3
Hours		15

Third Year

Fifth Semester

JOUR 130	Intro To Journalism	3
JOUR 132	Intro To Reporting	4
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 332	Sports Ethics and The Law	3
Approved Elective		3
Hours		16

Sixth Semester

JOUR 253	News Editing I	3
JOUR Elective		3
JOUR Elective		3
SPMT 279	Sport Prg Evnt & Facility MGMT	3
SPMT 476	Hist Sport Gov African Disaspo	3
Approved Elective		3
Hours		18

Fourth Year

Seventh Semester

JOUR 238	Intermediate Reporting	4
JOUR Elective		3
Approved Elective		3
Approved Elective		1
SPMT 399	Sports Management Seminar	2
Hours		13

Eighth Semester

SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 499	Sport Mgmt Capstone	6
Hours		12
Total Hours		120

Sport Management, Bachelor of Science Option III - (Concentration V) - Radio, Television & Film Non-Teaching

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 162)		42
General Education Core TCCNS Equivalent (p. 162)		
Major Requirements (p. 162)		55
Concentration Requirements (p. 162)		23
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living ³	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology ⁴	3
Institutional Options		
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION PUBLIC ADDRESS	3
CS 116	Intro To Compr Science I	3
Total Hours		42

General Education Core Curriculum (TCCNS Equivalent)

Major (Sport Management)

Code	Title	Hours
SPMT 134	Sport & Entertainment Mgmt	3
SPMT 135	Sport Marketing & Promotions	3
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 279	Sport Prg Evnt & Facility MGMT	3
SPMT 332	Sports Ethics and The Law	3
SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 399	Sports Management Seminar	2

SPMT 476	Hist Sport Gov African Disaspo	3
SPMT 499	Sport Mgmt Capstone	6

Cognate Courses

FS 102	Freshman Seminar/ first Year Experience	1
KIN 127	Foundations I	3
KIN 233	Foundations II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
ECON 231	Principles Of Economics I	3
Approved Elective ⁵		10
Total Hours		55

Concentration (RTF)

Code	Title	Hours
RTF 130	Introduction to Media Studies	3
RTF 131	Intro to Media Aesthetics	3
RTF 331	Media Analysis and Criticism	3
RTF 344	Media Management & Marketing	3
RTF 353	Digital film Production 1	4
or RTF 355	Television Production	
RTF 360	Voice & Diction for Media Perf	4
or RTF 361	Intro to Radio Operations	
ERM Elective		3

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

³ Any one of the following: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

⁴ Any one (1) of these: PSY 131 General Psychology-PYSC 2301, SOC 157 Introduction To Sociology-SOC 1301, GEOG 132 World Regional Geography-GEOG 1303

⁵ Approved Elective-advisor approval

Course	Title	Hours
First Year		
First Semester		
CS 116	Intro To Compr Science I	3
ENG 131	Freshman English I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
SPMT 134	Sport & Entertainment Mgmt	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION PUBLIC ADDRESS	3
FS 102	Freshman Seminar/ first Year Experience	1
		Hours
		16

Second Semester

ENG 132	Freshman English II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3

PSY 131	General Psychology	3
SPMT 135	Sport Marketing & Promotions	3
BIOL 143	Survey of Life Science	3
Hours		15

Second Year**Third Semester**

HIST 231	Soc & Pol Hist US to 1877	3
KIN 127	Foundations I	3
ENG 2XX		3
BIOL 135	Human Anat & Phys I	3
POLS 235	American Government	3
Hours		15

Fourth Semester

HIST 232	Soc & Pol Hist US Since 1877	3
KIN 233	Foundations II	3
ECON 231	Principles Of Economics I	3
MUSI 239	Fine Arts In Daily Living (or any approved Gen Ed Creative Arts Course)	3
POLS 236	Texas Government	3
Hours		15

Third Year**Fifth Semester**

RTF 130	Introduction to Media Studies	3
RTF 131	Intro to Media Aesthetics	3
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 332	Sports Ethics and The Law	3
Approved Elective		3
Hours		15

Sixth Semester

ERM Elective		3
RTF 331	Media Analysis and Criticism	3
RTF 344	Media Management & Marketing	3
SPMT 279	Sport Prg Evnt & Facility MGMT	3
SPMT 476	Hist Sport Gov African Disaspo	3
Approved Elective		3
Hours		18

Fourth Year**Seventh Semester**

RTF 353 or RTF 355	Digital film Production 1 or Television Production	4
RTF 360 or RTF 361	Voice & Diction for Media Perf or Intro to Radio Operations	4
Approved Elective		3
Approved Elective		1
SPMT 399	Sports Management Seminar	2
Hours		14

Eighth Semester

SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
SPMT 499	Sport Mgmt Capstone	6
Hours		12
Total Hours		120

Sport Management, Minor

21 semester credit hours are required through enrollment in the following courses in the Department:

Code	Title	Hours
SPMT 134	Sport & Entertainment Mgmt	3
SPMT 135	Sport Marketing & Promotions	3
SPMT 273	Mngl Com & Media Rtl in Sports	3
SPMT 279	Sport Prg Evnt & Facility MGMT	3
SPMT 332	Sports Ethics and The Law	3
SPMT 333	Problems in Rec & Sports	3
SPMT 434	Admin of Athletics Org	3
or SPMT 476	Hist Sport Gov African Disaspo	
Total Hours		21

Grades of "C" or better, where grades of "C-" are not acceptable, must be earned in all classes making up the 21 credits. For the online minor in Sport Management students should visit TSU Online for more information.

Degree requirements are summarized below for the B.S. in Health Studies, B.S. in Kinesiology, and B.S. in Sport Management; however, students admitted to the Department who pursue these supporting degrees must seek advisement from their assigned faculty advisor because of the frequency with which certification requirements change as dictated by the State of Texas.

In summary, students who gain admission to the University must meet TSI responsibility, must petition the Department for admission; and must qualify for the Educator Preparation Program if their degree requirements lead to teacher certification. Requirements for the Educator Preparation Program should be reviewed by all interested students. **Additional information may be obtained from the Department Office at (713) 313-7087.**

College of Liberal Arts and Behavioral Sciences Overview

The College of Liberal Arts and Behavioral Sciences (COLABS) is the most instructionally diverse unit at Texas Southern University. Because COLABS provides the majority of the General Education courses required for a Bachelor's degree, it is actually the heart and soul of all undergraduate education at TSU. In other words, every student will spend a significant amount of time taking courses in this college before moving on to pursue specialized coursework in his or her selected major. We know that how well we educate students in those General Education courses predicts their success in the rest of their educational journey. It is for this reason that faculty in this college are proud that the quality of education we provide equips students with the skills they need to excel in any path they choose to pursue.

In addition to providing General Education, The College of Liberal Arts and Behavioral Sciences offers several majors. Choosing a major is one of the most important decision any student will make. We encourage them to choose one that best aligns with their passions, creative talents, intellectual interests, and academic strengths. COLABS majors and minors satisfy the interests of those committed to:

1. social and economic justice,
2. racial and gender equality,
3. improving the lives and mental health of individuals in our communities,
4. strengthening families and communities,
5. finding solutions to various social challenges,
6. engaging with global economies, societies, and cultures,
7. intellectual inquiry and challenging received bodies of knowledge, or
8. inspiring others through artistic creation and expression.

The College of Liberal Arts and Behavioral Sciences offers twelve (12) undergraduate degrees and five (5) graduate degrees through nine (9) departments, housed in different locations on campus. The following is a summary of the undergraduate degrees and departments:

- Department of English (p. 166)
 - English with a Minor, Bachelor of Arts (p. 170)
 - English With Professional Writing Concentration, Bachelor of Arts (p. 172)
 - English with Teaching Certification, Bachelor of Arts (p. 173)
 - English, Minor (p. 175)
- Department of Foreign Languages (p. 175)
 - French Minor (p. 178)
 - Spanish Minor (p. 179)
 - Spanish, Bachelor of Arts (p. 179)
- Department of History and Geography (p. 181)
 - African American Studies Minor (p. 186)
 - African Studies Minor (p. 186)
 - General Studies, Bachelor of Arts (p. 186)
 - Geography Minor (p. 188)
 - History Minor (p. 188)
 - History, Bachelor of Arts (p. 188)
 - Women's Studies Minor (p. 190)
- Department of Human Services and Consumer Sciences (p. 190)
 - Human Services and Consumer Sciences (Child and Family Development Concentration), Bachelor of Science (p. 198)
 - Human Services and Consumer Sciences (Dietetics Concentration), Bachelor of Science (p. 199)
 - Human Services and Consumer Sciences (Food and Nutrition Concentration), Bachelor of Science (p. 201)
 - Human Services and Consumer Sciences Family and Consumer Sciences Concentration Certification, Bachelor of Science (p. 202)
 - Human Services and Consumer Sciences Family Consumer Sciences Family and Consumer Sciences Concentration (Without Certification), Bachelor of Science (p. 204)
 - Human Services and Consumer Sciences Minor (p. 206)
- Department of Music (p. 207)
 - Jazz Studies Minor (p. 223)
 - Music (Composition Concentration), Bachelor of Arts (p. 223)
 - Music (Jazz Performance), Bachelor of Arts (p. 225)
 - Music (Performance Concentration), Bachelor of Arts (p. 227)
 - Music (Teacher Certification), Bachelor of Arts (p. 230)
 - Music (with Minor), Bachelor of Arts (p. 232)
 - Music Minor (p. 234)
- Department of Psychology (p. 235)
 - Psychology Minor (p. 237)
 - Psychology, Bachelor of Arts (p. 238)
- Department of Social Work (p. 239)
 - Social Work, Bachelor of Arts (p. 242)
- Department of Sociology (p. 244)
 - Sociology, Bachelor of Arts (p. 247)
 - Sociology, Minor (p. 249)
- Department of Visual and Performing Arts (p. 249)
 - Art (Teacher Certification Concentration), Bachelor of Arts (p. 254)
 - Art (With Concentration and without minor). Bachelor of Arts (p. 256)
 - Art (Without Concentration), Bachelor of Arts (p. 258)
 - Art Minor (p. 260)
 - Theatre (with Performance Concentration), Bachelor of Arts (p. 261)
 - Theatre Minor (p. 262)
 - Theatre with Teacher Certification, Bachelor of Arts (p. 263)
 - Theatre with Technical Concentration, Bachelor of Arts (p. 264)
 - Visual and Performing Arts Minor (p. 266)

In addition to the majors listed above, the College of Liberal Arts and Behavioral Sciences offers 18 minors. Some majors require that students declare a minor, while others do not. However, some major programs that do not require a minor, may require extra courses in an area of concentration. Students must check with their major department chairs for specifics on whether a minor or concentration is required. COLABS majors are welcome to pursue a minor in another college at TSU.

Students interested in our Graduate degree programs should refer to the Graduate Bulletin of Texas Southern University for detailed descriptions of those programs and degree plans.

The officers of the College include the Dean, Associate Dean, Assistant Dean, and Department Chairs. The Office of the Dean is located in Suite 315 of Barbara Jordan – Mickey Leland Building (PAB) and may be contacted by calling (713) 313-4287.

Mission Statement of the College of Liberal Arts and Behavioral Sciences

Through quality programs and innovative study of the Arts, Humanities, and Social and Behavioral Sciences, the College is dedicated to engaging students in a journey of self-discovery and intellectual inquiry, thereby empowering them to live fully actuated lives in diverse, urban, and global communities.

College Policies

Students (either new or transfer) wishing to enroll in one of the majors offered by the College of Liberal Arts and Behavioral Sciences must first submit an application through the Texas Southern University's Office of Admissions and be accepted. Once accepted, students are strongly encouraged to contact the department of their intended major to formally declare that major and submit relevant forms.

All majors in the College of Liberal Arts and Behavioral Sciences are required to be advised by faculty in their major departments before registering for classes every semester. This advising plays a vital role in ensuring that students are satisfactorily progressing through their major.

Students in the College who have been enrolled in credit courses within the year preceding the intended registration are not required to re-apply for admission. However, students who last attended classes a year or more prior to registration are required to file an application for readmission and submit transcripts from all colleges attended since their last enrollment at Texas Southern University.

The College strictly adheres to the policies found in the Student Code of Conduct handbook. Students are advised to familiarize themselves with this document.

Good Academic Standing Policy

To remain in good academic standing in the College, students must maintain a 2.0 cumulative GPA. Those who fail to meet this standard are subject to the probationary and suspension policies set by the University described in this document. The College adheres to the University policies on probation and suspension. Students wishing to re-enroll after suspension must follow the set University procedures and consult with the Dean or Associate Dean of COLABS.

Students pursuing majors and/or minors through the various departments in the College of Liberal Arts and Behavioral Sciences are strongly cautioned that many programs have their own specific cumulative GPA and grade requirements that are higher than the University's minimum GPA requirement. Students must adhere to these policies to remain in their chosen program.

Student Organizations and Performing Groups

Various student organizations operate within the College and the departments. In addition, a number of ensemble groups perform under the guidance of the Department of Music. Students interested in participating in student organizations and performing groups should contact the respective organizations.

Accreditation

All programs in the College of Liberal Arts and Behavioral Sciences are accredited by the Southern Association of Colleges and Schools Commission on Colleges. The Bachelor of Arts (B.A.) Degree in Social Work is also accredited by the Council on Social Work Education, and the Bachelor of Science (B.S.) in Dietetics is accredited by the Accreditation Council for Education in Nutrition and Dietetics.

Right to Modify

The information contained in this bulletin is considered to be informational and descriptive, but not contractual. The University reserves the right to change, without notice, any policy, procedure, course, or requirement found in this bulletin.

Description of Departments in the College

The nine departments in the College of Liberal Arts and Behavioral Sciences are described in detail in the following pages.

A

- African American Studies Minor (p. 186)
- African Studies Minor (p. 186)
- Art (Teacher Certification Concentration), Bachelor of Arts (p. 254)

- Art (With Concentration and without minor). Bachelor of Arts (p. 256)
- Art (Without Concentration), Bachelor of Arts (p. 258)
- Art Minor (p. 260)

E

- English with a Minor, Bachelor of Arts (p. 170)
- English With Professional Writing Concentration, Bachelor of Arts (p. 172)
- English with Teaching Certification, Bachelor of Arts (p. 173)
- English, Minor (p. 175)

F

- French Minor (p. 178)

G

- General Studies, Bachelor of Arts (p. 186)
- Geography Minor (p. 188)

H

- History Minor (p. 188)
- History, Bachelor of Arts (p. 188)
- Human Services and Consumer Sciences (Child and Family Development Concentration), Bachelor of Science (p. 198)
- Human Services and Consumer Sciences (Dietetics Concentration), Bachelor of Science (p. 199)
- Human Services and Consumer Sciences (Food and Nutrition Concentration), Bachelor of Science (p. 201)
- Human Services and Consumer Sciences Family and Consumer Sciences Concentration Certification, Bachelor of Science (p. 202)
- Human Services and Consumer Sciences Family Consumer Sciences Family and Consumer Sciences Concentration (Without Certification), Bachelor of Science (p. 204)
- Human Services and Consumer Sciences Minor (p. 206)

J

- Jazz Studies Minor (p. 223)

M

- Music (Composition Concentration), Bachelor of Arts (p. 223)
- Music (Jazz Performance), Bachelor of Arts (p. 225)
- Music (Performance Concentration), Bachelor of Arts (p. 227)
- Music (Teacher Certification), Bachelor of Arts (p. 230)
- Music (with Minor), Bachelor of Arts (p. 232)
- Music Minor (p. 234)

P

- Psychology Minor (p. 237)
- Psychology, Bachelor of Arts (p. 238)

S

- Social Work, Bachelor of Arts (p. 242)
- Sociology, Bachelor of Arts (p. 247)

- Spanish Minor (p. 179)
- Spanish, Bachelor of Arts (p. 179)

T

- Theatre (with Performance Concentration), Bachelor of Arts (p. 261)
- Theatre Minor (p. 262)
- Theatre with Teacher Certification, Bachelor of Arts (p. 263)
- Theatre with Technical Concentration, Bachelor of Arts (p. 264)

V

- Visual and Performing Arts Minor (p. 266)

W

- Women's Studies Minor (p. 190)

Department of English

The mission of the Department of English is to cultivate understanding, knowledge, and the application of the English language in a culturally diverse environment. The faculty teach literature, language arts, critical reading and thinking, and research techniques at the core curriculum level for all undergraduates and at the baccalaureate level for majors and minors. Through its courses and programs, the Department of English aims to equip students to succeed in academic endeavors in college as well as in graduate and professional schools and to prepare them to assume responsible, successful, and fulfilling roles in society.

The Department of English offers courses leading towards the Bachelor of Arts in English, with three undergraduate degree plans. The Master of Arts (M.A.) Degree in English, with two concentrations. Students interested in the Master of Arts Degree in English should consult the Graduate School Catalog for course and program information.

Undergraduate Degree(s):

- [Bachelor of Arts in English with a minor \(p. 170\)](#)
- [Bachelor of Arts in English with a Professional Writing Concentration \(p. 172\)](#)
- [Bachelor of Arts in English with Teaching Certification \(p. 173\)](#)

Minor(s):

- [English \(p. 175\)](#)

Graduate Degree(s):

- [Master of Arts in English \(Thesis Concentration\)](#)
- [Master of Arts in English \(Non-Thesis Concentration\)](#)

In selecting English as a major or a minor, students must formally register in the Department of English and must seek guidance from departmental advisors. English majors and minors must have a minimum GPA of 2.50 and must have grades of C or better in all English courses completed at the time the admission request is made.

For the baccalaureate degree in English, students must satisfactorily complete a minimum of 121 semester hours. Students in Texas are required to take the first 42 hours in General Education core curriculum courses towards those 121 hours. **Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience with any**

college level course to complete the total credit hours required for graduation by their degree plan.

Students majoring in the English with a minor program concentration are required to declare the minor and to take 18 credit hours in courses in a separate academic discipline. Students majoring in the English with teaching certification must take 21 hours of Education Courses in EDCl, including student teaching and six hours of required reading courses. Students majoring in English with a professional writing concentration take 18 hours in technical and/or creative writing in the Department of English.

Grades of "C" or better are required in all courses dedicated to either the major or the minor program. No course offered through the Department can be used to satisfy both a core curriculum requirement and a major requirement for graduation. To be eligible for graduation as English majors, students must follow a program of specific course requirements as well as successfully complete an exit examination.

The offices of the Department of English are located in the Martin Luther King Center, Room 106. Visit our website at <http://www.tsu.edu/academics/colleges-and-schools/colabs/english/> Visit the Department of English Writing Lab at Martin Luther King Center, 252, and at <http://www.tsu.edu/owl/>

Questions may be directed to the Department Office at 713-313-7916.

- English with a Minor, Bachelor of Arts (p. 170)
- English With Professional Writing Concentration, Bachelor of Arts (p. 172)
- English with Teaching Certification, Bachelor of Arts (p. 173)
- English, Minor (p. 175)

English Courses

ENG 101 NCB Integrated Reading and Writing lab (0 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 129 Intro English Funds (3 Credits)

Introduction to English Fundamentals (3) Designed to prepare students to develop college level writing proficiency and to master the skills measured on state required tests. Focus on sentence structure, usage, mechanical conventions, and paragraph development. Three hours of lecture and one hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Developmental Studies

ENG 130 Integrated Reading and Writing (3 Credits)

A course in basic reading and writing skills that concentrates on grammar, sentence structure, paragraph essay development. Exemption by satisfactory score on the Texas Higher Education Assessment (THEA) or TSI Examination. Three hours of lecture and 1 hour of laboratory per week. Listed as ENGL 0300 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Developmental Studies

ENG 131 Freshman English I (3 Credits)

Freshman English I (3) First of a two-part composition course in which students analyze professionally-written essays that are samples of rhetorical modes and write competent multi-paragraph essays utilizing formal principles of grammar, usage, mechanics, rhetoric, and style. Three hours of lecture per week. Prerequisite: ENG 130 or satisfactory score on the ASSET exam. Listed as ENGL 1301 in the Texas Common Course Numbering System.

Prerequisite(s): (or or or TSI Exemption TAKS with a score of 2200 or C-Better Eng/Wrt Resident Stu with a score of 2.00 or C-Better Eng/Wrt Transfer Stu with a score of 2.00) or (TSI WRIT Assessment with a score of 339 and TSI ESSAY Assessment with a score of 5 and Adult Basic Education WRITING with a score of 4) or (TSI WRIT Assessment with a score of 340 and TSI ESSAY Assessment with a score of 4) or (and WRIT 101 (may be taken concurrently) or ENG 130 or ENG 101 (may be taken concurrently) or HCCE 130) or (TSI WRIT Assessment with a score of 363 and TSI ESSAY Assessment with a score of 4) or TSI ESSAY Assessment with a score of 5 or (TSI WRIT Assessment with a score of 910 and TSI ESSAY Assessment with a score of 5 and Adult Basic Education WRITING with a score of 5) or (TSI WRIT Assessment with a score of 945 and TSI ESSAY Assessment with a score of 5)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 132 Freshman English II (3 Credits)

Freshman English II (3) Second half of a two-part composition course designed to improve and extend students' skills in organizing and developing persuasive and analytical essays, to enhance knowledge of literary genres, and provide instruction in research skills needed in the preparation of documented essays. Three hours of lecture per week. Prerequisite: ENG 131 or its equivalent. Listed as ENGL 1302 in the Texas Common Course Numbering System.

Prerequisite(s): (ENG 131

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 220 Intro To Literature (3 Credits)

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 230 World Literature I (3 Credits)

World Literature I (3) Survey of some masterpieces of poetry, prose, and drama from antiquity to the Renaissance. Three hours of lecture per week. Prerequisites: ENG 131 and ENG 132. Listed as ENGL 2332 in the Texas Common Course Numbering System.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 231 World Literature II (3 Credits)

World Literature II (3) Survey of some masterpieces of poetry, prose, and drama from the Renaissance to the present. Three hours of lecture per week. Prerequisites: ENG 131 and 132. Listed as ENGL 2333 in the Texas Common Course Numbering System.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 232 European Literature (3 Credits)

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 234 American Literature I (3 Credits)

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 235 American Literature (3 Credits)

American Literature (3) Survey of selected prose, poetry, and drama of the United States from the colonial period to the present. Three hours of lecture per week. Prerequisites: ENG 131 and 132. Listed as ENGL 2328 in the Texas Common Course Numbering System.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 237 British Literature I (3 Credits)

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 238 British Literature II (3 Credits)

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 239 Literature By Women (3 Credits)

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 243 African Literature (3 Credits)

Africana Literature (3) Introduction to selected modern Africana literature, in translation, of the African Diaspora. Three hours of lecture per week. Prerequisites: ENG 131 and ENG 132.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 244 African-American Literature (3 Credits)

African American Literature (3) Survey of African American literature with emphasis on major authors and movements. Three hours of lecture per week. Prerequisites: ENG 131 and ENG 132.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 301 Great American Writers I (3 Credits)

Survey of major works of American literature from pre-colonial to 1865. The course emphasizes literary movements, genres, and themes.

Required of English majors. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 302 Great American Writers II (3 Credits)

Great American Writers (3) Survey of selected works of major American authors from the colonial era to the present. The course also emphasizes literary movements, genres, and themes as well as enhances further development of students' analytic, research, and composition skills.

Required of English majors. Three hours of lecture per week. Prerequisite: Completion of all required 200-level courses.

Prerequisite(s): (ENG 132 and ENG 230 or ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 303 British Literature I (3 Credits)

Great British Writers I (3) Survey of major works of British literature from its beginnings through the eighteenth century. Required of English majors. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 304 British Literature II (3 Credits)

Great British Writers II (3) Survey of major works of British literature from the nineteenth century to the present. Required of English majors. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 305 Mythology & Literature (3 Credits)

Mythology in Literature (3) Study of classical and other myths, legends, and folktales, with emphasis on the original works and their appearance in literature. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 320 Intro Creative Writing (3 Credits)

Introduction to Creative Writing (3) Creative writing workshop in both fiction and poetry. Three hours of lecture per week. Prerequisites: Completion of all required 200-level ENG courses and consent of the instructor.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 336 The Novel (3 Credits)

The Novel (3) Study of the novel as a genre and of its various forms from the picaresque to the contemporary novel. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 338 Writing in The Disciplines (3 Credits)

Course provides practice in composing specific research projects related to technical, professional, and academic disciplines, including education law, medicine, engineering and the sciences. Students develop research projects. 3 hours per week.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 339 Women's Literature (3 Credits)

A study of the distinctly female tradition in literature, by examining the style and content of women's fiction, poetry, drama, and non-fiction. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 (may be taken concurrently) or ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 341 Literature and Film (3 Credits)

A study of the relationships between the two media, literature and film, by exploring works linked by genre, topic, and style. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 or ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 342 Chinese Literature (3 Credits)

A study of Chinese fiction, poetry, and historical writing in English translation. Students may enrich their readings with selected media and film. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 343 African Literature (3 Credits)

A study of the literature of Africa and of the works of Africana writers, in English translation. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 or ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 346 Black Literature (3 Credits)

Prerequisite(s): (ENG 230 or ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 347 Workshop in Creative Writing (3 Credits)

A creative writing workshop course in poetry and fiction. Offered during the summer session. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 or ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 350 Fiction Workshop (3 Credits)

A course in which students write, discuss, criticize, and revise original works of short fiction, with student-instructor conferences and class discussion of student writing. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 or ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 351 Tech Editing for Professionals (3 Credits)

Course focuses on reading, writing, and editing, particularly on the kind on the kind of writing that file reports, manuals, and other technical products. Evaluate technical documents and readings about technical writing specific to the business and STEM professions. 3 hours per week.

Prerequisite(s): (ENG 230 or ENG 231 or ENG 235 or ENG 244)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 352 Poetry Workshop (3 Credits)

A course in which students write, discuss, criticize and revise original works of poetry with student-instructor conferences and class discussion of student writing. Three hours of lecture per week. Prerequisite: ENG 320 and consent of the instructor. Offered during the fall semester of even-numbered academic years.

Prerequisite(s): (ENG 230 or ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 367 Latin American Literature (3 Credits)

Study of the novel and various other forms of literature as they developed in Latin America from colonial times to the twentieth century, in English translation. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 or ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 412 Seminar in Technical Writing (3 Credits)

A course in which students learn specific technical writing skills of professions such as business, government, and science and demonstrate these through project proposals, response papers, abstracts, summaries, memos and letters, Powerpoint presentations, and various types of business and industry reports. Prerequisite: Completion of all required 200-level ENG courses.

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 417 African American Gothic Lit (3 Credits)

0-Survey of African-American literary canon. Students will learn the history and significance of the genre as it replicates the American story. Student will read literary texts that mirror the African-American experience as outline in Horror, Fantasy, and Science Fiction. Course meets 3 hours per week.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 430 Hist & Theory of English Lang (3 Credits)

History and Theory of Language Study (3) Introduction to the principles of language theory and to the history of the English language. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 432 Capstone Seminar (3 Credits)

Capstone Seminar (3) A Culmination of baccalaureate work and preparation for further work in academic or nonacademic environments. This is a senior level course which will allow students to work closely with advisors and mentors in their. The capstone course will encompass three areas of achievement and assessment: and objective examination suitable for preparation for professional credentials or graduate school admission; a senior portfolio to allow students to articulate through their written work their skills and abilities attained during their course work; and a capstone project in which the student will demonstrate mastery of research and documentation skills as well as the ability to write, think and edit.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 433 Shakespeare & Renaissa Studies (3 Credits)

Shakespeare and Renaissance Studies (3) Study of selected tragedies, histories, comedies, and non-dramatic works by William Shakespeare, set in the context of the English Renaissance. Required of English majors. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 437 Prin Literary Criticism (3 Credits)

Principles of Literary Criticism (3) Study of critical approaches to literature, which may be applied in the appraisal of selected works. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 438 Masterpieces of the World Thea (3 Credits)

Masterpieces of Modern Theatre (3) Study of drama, focusing on masterpieces of the twentieth century. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses. May be offered in conjunction with SPAN 438.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 439 The Teaching of English (3 Credits)

The study and application of philosophies, objectives, methods, and materials used in teaching English at the secondary level. Three hours of lecture per week. Prerequisite: Completion of all required 200-level and 300-level ENG courses.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: College Of Education

Department: Department of English

ENG 440 African American Poets (3 Credits)

African American Literature: Poetry and Drama (3) Study of selected poetry and drama written by African American authors. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 441 African-Am Lit:Fiction & Crit (3 Credits)

African American Literature: Fiction and Criticism (3) Study of the fiction and criticism written by African American authors. Three hours of lecture per week. Prerequisite: Completion of all required 200-level ENG courses.

Prerequisite(s): (ENG 230 and ENG 231)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 450 IND Reading & Res In Mod Lit (3 Credits)

Independent Reading and Research in Modernist Literature (3) Individualized reading program for advanced English majors with an emphasis on modernist literature. May be taken for graduate credit. Prerequisites: Senior standing as an English major or minor and consent of both the Faculty Chair and the instructor.

Prerequisite(s): (ENG 131 or ENG 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 452 Report and Proposal Writing (3 Credits)

Students learn technical writing skills that lead to finished report writing and full proposal writing. 3 hours

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 468 Creative Nonfiction (3 Credits)

An intensive survey of contemporary creative- non-fiction, devoting attention to masterpiece of the canon and engaging students in a systematic study of the techniques in these works and the social, political, and historical contexts out of which they emerged. Student will write both analytical and critical responses. 3 hours per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 480 Writing With STEM and STEAM (3 Credits)

ENG 480 offers critical thinking and technical writing skills in both STEM and STEAM research disciplines. 3 hours per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

English with a Minor, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 170)	42
	Major Requirements (p. 170)	36
	Other Requirements (p. 170)	26
	Minor (p. 171)	18
	Total Hours	122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
	Select one of the following:	3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 134	Plane Trigonometry	
MATH 135	Mathematics for Business and Economic Analysis I	
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
	Life and Physical Sciences course ³	3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
	Creative Arts course ⁴	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3

POLS 236	Texas Government	3
Social and Behavioral Sciences		
	Social and Behavioral Sciences course ⁵	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
ENG 231	World Literature II	3
Total Hours		42

- ¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.
- ² (N) represents the number of course credits.
- ³ Select from: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, PHYS 237 College Physics I, PHYS 238 College Physics II, PHYS 251 University Physics I (TCCN CHEM 1312, BIOL 2301, BIOL 1303, PHYS 1315, PHYS 1301, PHYS 1302, PHYS 2325)
- ⁴ Select from, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur or ART 137 Intro African Art (TCCN MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, HUMA 2323)
- ⁵ Select from: ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology, GEOG 132 World Regional Geography, PSY 131 General Psychology (TCCN ECON 2301, ECON 2302, SOCI 1301, SOCI 1306, SOCI 2306, ANTH 2346, GEOG 1303, PSYC 2301)

Major (English)

Code	Title	Hours
ENG 301	Great American Writers I	3
ENG 302	Great American Writers II	3
ENG 303	British Literature I	3
ENG 304	British Literature II	3
ENG 338	Writing in The Disciplines	3
ENG 430	Hist & Theory of English Lang	3
ENG 432	Capstone Seminar	3
ENG 433	Shakespeare & Renaissa Studies	3
ENG 437	Prin Literary Criticism	3
ENG 440	African American Poets	3
	or ENG 441 African-Am Lit:Fiction & Crit	
	*Additional upper level ENG electives	6
Total Hours		36

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
	Electives	25
Total Hours		26

Minor

Code	Title	Hours
Contact department of minor for advisement		18
Total Hours		18

Course	Title	Hours
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First Year**First Semester**

ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
BIOL 143 or CHEM 131	Survey of Life Science or Chemistry I	3
Elective		3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester

ENG 132	Freshman English II	3
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
Select one of the following:		3
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	
Select one of the following:		3
ECON 231	Principles Of Economics I	
ECON 232	Principles Of Economics II	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
SOC 238	Introduction To Anthropology	
GEOG 132	World Regional Geography	
PSY 131	General Psychology	
Elective		3
Hours		15

Second Year**Third Semester**

ENG 230	World Literature I	3
HIST 231	Soc & Pol Hist US to 1877	3
POLS 235	American Government	3
Elective		3
Minor		3
Hours		15

Fourth Semester

ENG 231	World Literature II	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
Elective		3
Minor		3
Hours		15

Third Year**Fifth Semester**

ENG 301	Great American Writers I	3
ENG 303	British Literature I	3
ENG 338	Writing in The Disciplines	3
Minor		3
ENG 3XX or 4XX Elective		3
Hours		15

Sixth Semester

ENG 302	Great American Writers II	3
ENG 304	British Literature II	3
ENG 430	Hist & Theory of English Lang	3
Minor		3
ENG 3XX or 4XX Elective		3
Hours		15

Fourth Year**Seventh Semester**

ENG 432	Capstone Seminar	3
ENG 433	Shakespeare & Renaissa Studies	3
Minor		3
Elective		3
Elective		3
Hours		15

Eighth Semester

ENG 437	Prin Literary Criticism	3
ENG 440 or ENG 441	African American Poets or African-Am Lit:Fiction & Crit	3
Minor		3
Elective		3
Elective		3
Elective		1
Hours		16
Total Hours		122

English With Professional Writing Concentration, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 172)		42
Major Requirements (p. 172)		36
Other Requirements (p. 172)		26
Concentration (p. 172)		18
Total Hours		122

GENERAL EDUCATION CORE CURRICULUM (STANDARD)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 134	Plane Trigonometry	
MATH 135	Mathematics for Business and Economic Analysis I	
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Life and Physical Sciences course ³		3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
Creative Arts course ⁴		3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Social and Behavioral Sciences course ⁵		3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
ENG 231	World Literature II	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ Select from: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, PHYS 237 College Physics I, PHYS 238 College Physics II, PHYS 251 University Physics I (TCCN CHEM 1312, BIOL 2301, BIOL 1303, PHYS 1315, PHYS 1301, PHYS 1302, PHYS 2325)

⁴ Select from, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur or ART 137 Intro African Art (TCCN MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, HUMA 2323)

⁵ Select from: ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology, GEOG 132 World Regional Geography, PSY 131 General Psychology (TCCN ECON 2301, ECON 2302, SOCI 1301, SOCI 1306, SOCI 2306, ANTH 2346, GEOG 1303, PSYC 2301)

Major (English)

Code	Title	Hours
ENG 301	Great American Writers I	3
ENG 302	Great American Writers II	3
ENG 303	British Literature I	3
ENG 304	British Literature II	3
ENG 338	Writing in The Disciplines	3
ENG 430	Hist & Theory of English Lang	3
ENG 432	Capstone Seminar	3
ENG 433	Shakespeare & Renaissa Studies	3
ENG 437	Prin Literary Criticism	3
ENG 440	African American Poets	3
	or ENG 441 African-Am Lit:Fiction & Crit	
Additional Upper Level ENG credits		6
Total Hours		36

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
Elective Courses		25
Total Hours		26

Concentration

Code	Title	Hours
Professional Writing Concentration		
Select Six of the following Creative and/or Technical Writing Courses 18		
ENG 320	Intro Creative Writing (Required of Creative concentration)	
ENG 347	Workshop in Creative Writing	
ENG 350	Fiction Workshop	
ENG 351	Tech Editing for Professionals	
ENG 352	Poetry Workshop	
ENG 412	Seminar in Technical Writing	
ENG 452	Report and Proposal Writing	
ENG 468	Creative Nonfiction	

ENG 480	Writing With STEM and STEAM	
Total Hours		18
Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I (Select one of the following:)	
MATH 133	College Algebra (Select one of the following:)	
MATH 135	Mathematics for Business and Economic Analysis I (Select one of the following:)	
MATH 136	Precalculus Math (Select one of the following:)	
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
BIOL 143 or CHEM 131	Survey of Life Science or Chemistry I	3
Elective		3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
Select one of the following:		3
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	
Select one of the following:		3
ECON 231	Principles Of Economics I	
ECON 232	Principles Of Economics II	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
SOC 238	Introduction To Anthropology	
GEOG 132	World Regional Geography	
PSY 131	General Psychology	
Elective		3
Hours		15
Second Year		
Third Semester		
ENG 230	World Literature I	3
HIST 231	Soc & Pol Hist US to 1877	3

POLS 235	American Government	3
Elective		3
Elective		3
Hours		15
Fourth Semester		
ENG 231	World Literature II	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
Elective		3
Elective		3
Hours		15
Third Year		
Fifth Semester		
ENG 301	Great American Writers I	3
ENG 303	British Literature I	3
ENG 338	Writing in The Disciplines	3
Concentration		3
ENG 3XX or 4XX Elective		3
Hours		15
Sixth Semester		
ENG 302	Great American Writers II	3
ENG 304	British Literature II	3
ENG 430	Hist & Theory of English Lang	3
Concentration		3
ENG 3XX or 4XX Elective		3
Hours		15
Fourth Year		
Seventh Semester		
ENG 432	Capstone Seminar	3
ENG 433	Shakespeare & Renaissa Studies	3
Concentration		3
Concentration		3
Elective		3
Hours		15
Eighth Semester		
ENG 437	Prin Literary Criticism	3
ENG 440 or ENG 441	African American Poets or African-Am Lit:Fiction & Crit	3
Concentration		3
Concentration		3
Elective		3
Elective		1
Hours		16
Total Hours		122

English with Teaching Certification, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 174)		42
Major Requirements (p. 174)		36
Other Requirements (p. 174)		17
Certification (p. 174)		27
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 134	Plane Trigonometry	
MATH 135	Mathematics for Business and Economic Analysis I	
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Life and Physical Science course ³		3
Language, Philosophy, and Culture		
ENG 230	World Literature I	3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
EDCI 210	Ins Tec	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ Select from: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 237 College Physics I, PHYS 238 College Physics II, PHYS 251 University Physics I (TCCN CHEM 1312, BIOL 2301, BIOL 1303, PHYS 1315, PHYS 1301, PHYS 1302, PHYS 2325)

Major (English)

Code	Title	Hours
ENG 231	World Literature II	3
ENG 301	Great American Writers I	3
ENG 302	Great American Writers II	3
ENG 303	British Literature I	3
ENG 304	British Literature II	3
ENG 338	Writing in The Disciplines	3
ENG 430	Hist & Theory of English Lang	3
ENG 432	Capstone Seminar	3
ENG 433	Shakespeare & Renaissa Studies	3
ENG 437	Prin Literary Criticism	3
ENG 439	The Teaching of English	3
ENG 440	African American Poets	3
	or ENG 441 African-Am Lit:Fiction & Crit	
Total Hours		36

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
GEOG 132	World Regional Geography	3
Electives		13
Total Hours		17

Certification

Code	Title	Hours
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 339	Classrm Mngt	3
EDCI 340	Ins Tec II	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 464	DIR STU TCH HS	6
RDG 400	Con Are Rdg	3
RDG 402	Informal Diagnosis	3
Total Hours		27

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
COMM 135	BUSINESS & PROFESSIONAL	3
	or COMM 136 COMMUNICATION	
	or PUBLIC ADDRESS	
BIOL 143	Survey of Life Science	3
	or CHEM 131 or Chemistry I	
Elective		3

FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MUSI 239	Fine Arts In Daily Living	3
Select one of the following:		3
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	
GEOG 132	World Regional Geography	3
Elective		3
Hours		15
Second Year		
Third Semester		
ENG 230	World Literature I	3
HIST 231	Soc & Pol Hist US to 1877	3
POLS 235	American Government	3
Elective		3
PSY 131	General Psychology	3
Hours		15
Fourth Semester		
ENG 231	World Literature II	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
Elective		3
EDCI 210	Ins Tec	3
Hours		15
Third Year		
Fifth Semester		
ENG 301	Great American Writers I	3
ENG 303	British Literature I	3
ENG 338	Writing in The Disciplines	3
ENG 433	Shakespeare & Renaissa Studies	3
ENG 439	The Teaching of English	3
RDG 400	Con Are Rdg	3
Hours		18
Sixth Semester		
ENG 302	Great American Writers II	3
ENG 304	British Literature II	3
ENG 430	Hist & Theory of English Lang	3
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
EDCI 340	Ins Tec II	3
Hours		18
Fourth Year		
Seventh Semester		
ENG 432	Capstone Seminar	3
ENG 437	Prin Literary Criticism	3

ENG 440	African American Poets	3
or ENG 441	or African-Am Lit:Fiction & Crit	
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
RDG 402	Informal Diagnosis	3
Hours		18
Eighth Semester		
EDCI 464	DIR STU TCH HS	6
Elective		1
Hours		7
Total Hours		122

English, Minor

18 semester credit hours are required, including the following three-credit courses:

Code	Title	Hours
ENG 231	World Literature II ^{1,2}	3
ENG 301	Great American Writers I	3
or ENG 302	Great American Writers II	
ENG 303	British Literature I	3
or ENG 304	British Literature II	
ENG 338	Writing in The Disciplines	3
ENG 430	Hist & Theory of English Lang	3
or ENG 432	Capstone Seminar	
ENG 440	African American Poets	3
or ENG 441	African-Am Lit:Fiction & Crit	
Total Hours		18

¹ prerequisite ENG 230 World Literature I

² Students minoring in ENGLISH *should be advised* to take ENG 230 as part of the **ENG 2XX** option in the General Education Core.

Department of Foreign Languages

The Department of Foreign Languages promotes global awareness and intercultural understanding by providing instruction in various languages. We prepare majors and minors to function effectively in a foreign language by offering courses in literature, culture, linguistics, and language for professional purposes. Students will not only develop their communicative skills, but they will also perform critical thinking and analysis, which will make them true citizens of the world.

The Department of Foreign Languages offers courses leading towards the **Bachelor of Arts Degree (B.A.) in Spanish**, and **Minor in French and Spanish**. Chinese classes are also available as electives and are taught by Instructors appointed by the Confucius Institute locate in MLK 302.

In selecting a major in Spanish or minor in French or Spanish, students must register in the Department of Foreign Languages and seek advisement from departmental advisors. For the baccalaureate or undergraduate degree, students must satisfactorily complete a minimum of 120 semester hours for the B.A. Degree in Spanish. Students majoring in Spanish are required to declare a minor.

Grades of "C" or better are required in all courses dedicated to either the Major Requirements or the Minor Requirements. Transfer students may

substitute FS 102 with any college level course to complete the total credit hours required for graduation by their degree plan.

To be eligible for graduation as a French minor or Spanish major or minor, students must follow a program of specific course requirements. Course requirements for the major and minor programs are summarized as follows:

Major in Spanish, click here (p. 179).

Minor in French, click here (p. 178).

Minor in Spanish, click here (p. 179).

The Department of Foreign Languages is located on the third floor of Martin Luther King Center.

Department website:

<http://www.tsu.edu/academics/colleges-and-schools/colabs/foreign-languages/> (<https://catalog.tsu.edu/undergraduate/schools-colleges/liberal-arts-behavioral-sciences/foreign-languages/http://www.tsu.edu/academics/colleges-and-schools/colabs/foreign-languages/>)

- French Minor (p. 178)
- Spanish Minor (p. 179)
- Spanish, Bachelor of Arts (p. 179)

Chinese Courses

CHNS 131 Elementary Chinese I (3 Credits)

Elementary Chinese I (3) Fundamentals of Chinese pronunciation and grammar along with basic development of listening/ speaking and reading/writing skills. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

CHNS 132 Elementary Chinese II (3 Credits)

Elementary Chinese II (3) Continuation of CHNS 131. Fundamentals of Chinese pronunciation and grammar along with development of listening/ speaking and reading/writing skills Three hours of lecture per week.

Prerequisite: CHNS 131.

Prerequisite(s): CHNS 131

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

CHNS 231 Intermediate Chinese I (3 Credits)

Intermediate Chinese I (3) Application of grammar, elementary composition, media-aided listening and reading proficiency; focused development of writing and oral skills with a study and analysis of culture. Three hours of lecture and one hour of laboratory per week.

Prerequisites: CHNS 131 and CHNS 132 or the equivalent.

Prerequisite(s): CHNS 131 and CHNS 132

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

CHNS 232 Intermediate Chinese II (3 Credits)

Intermediate Chinese II (3) Analysis of grammar; translation; media-aided listening and reading proficiency; focused development of writing and communicative skills with a study and analysis of culture. Three hours of lecture and one hour of laboratory per week. Prerequisite: CHNS 231.

Prerequisite(s): (CHNS 131 and CHNS 132 and CHNS 231)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

French Courses

FR 131 Elementary French I (3 Credits)

Elementary French I (3) Fundamentals of French pronunciation and grammar with drills in spoken and written French. Three hours of lecture per week. Listed as FREN 1311 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 132 Elementary French II (3 Credits)

Elementary French II (3) Continuation of FR 131. Three hours of lecture per week. Prerequisite: FR 131. Listed as FREN 1312 in the Texas Common Course Numbering System.

Prerequisite(s): (FR 131)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 141 Elementary Business Fr I (3 Credits)

Elementary Business French I (3) Fundamental language skills with emphasis on introduction to business French in order to set up base for further comprehension, speaking, reading, and writing. Focus on correct habits of pronunciation and oral presentation emphasizing on the vocabulary, cultural knowledge, and linguistic tools that a student needs in order to work and succeed in an international French-speaking environment. Preparation of the DFP Affaires (Business French Certificate), level A2 or B1 (Elementary / Intermediate) granted by the Paris International Chamber of Commerce (CCIP). Three hours of lecture per week. Practical alternative to FR 131 (Elementary French I).

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 231 Intermediate French I (3 Credits)

Intermediate French I (3) Review of French pronunciation and grammar using a reader and more advanced classroom and laboratory materials. Two hours of lecture and one hour of laboratory per week. Prerequisite: FR 132. Listed as FREN 2311 in the Texas Common Course Numbering System.

Prerequisite(s): (FR 132)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 232 Intermediate French II (3 Credits)

Intermediate French II (3) Continuation of FR 231. Two hours of lecture and one hour of laboratory per week. Prerequisite: FR 231. Listed as FREN 2312 in the Texas Common Course Numbering System.

Prerequisite(s): (FR 231)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 331 Review Grammar & Composition (3 Credits)

Review of French Grammar and Composition (3) Review of French grammar with emphasis on the more difficult structures and idioms. Concurrent practice in conversation and diction provided. Conducted in both English and French. Three hours of lecture per week. Prerequisites: FR 231 and FR 232.

Prerequisite(s): (FR 232 and FR 231)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 335 Scientific French (3 Credits)

Scientific French (3) Individualized readings in the physical, natural, and social sciences to familiarize students with the specialized vocabulary of their field in translating from French to English. Graduate students may substitute the passing of this course with a grade of "B" or better for the graduate foreign language reading examination. Three hours of lecture per week. Prerequisites: FR 231 and FR 232 or consent of the instructor.

Prerequisite(s): (FR 231 and FR 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 336 African Francophone Literature (3 Credits)

Survey of the Literary movements and writers in Francophone Literature Africa from the French Colonization to the Independence. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 347 Contemporary France I (3 Credits)

Contemporary France I (3) Study of French institutions and movements since the beginning of the twentieth century, including transportation, politics, education, geography, industrialization, social classes, world wars, and fine arts. Conducted in both English and French. Three hours of lecture per week. Prerequisites: FR 231 and FR 232 or consent of the instructor.

Prerequisite(s): (FR 231 and FR 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 348 Contemporary Francophone Film (3 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 432 Business French (3 Credits)

Business French (3) Designed to present specialized vocabulary, methods, and techniques pertaining to how to conduct French business, to enable students to prepare business documents and letters. Conducted in both English and French. Three hours of lecture per week. Prerequisites: FR 231 and FR 232 or consent of the instructor.

Prerequisite(s): (FR 231 and FR 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 438 Directed Study (3 Credits)

Directed Study (3) Study of a single topic, particular work, or author under the direction of a faculty member. Prior approval for enrollment needed from the Faculty Chair. May be retaken for credit. Prerequisites: Senior standing as a French major and consent of both the Faculty Chair and instructor.

Prerequisite(s): (FR 231 and FR 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

FR 439 French Influence in Africa (3 Credits)

French Influence in Africa (3) Study of the importance of the French presence in French-speaking African countries utilizing critical and analytical approaches that will allow students to acquire an understanding of the language and culture of contemporary French Africa. Three hours of lecture per week. Prerequisites: Senior standing as a French major and consent of both the Faculty Chair and instructor.

Prerequisite(s): (FR 231 and FR 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

Spanish Courses

SPAN 131 Elementary Spanish I (3 Credits)

Elementary Spanish I (3) Fundamentals of Spanish pronunciation and grammar along with intensive listening/speaking and reading/writing skills development. Three hours of lecture per week. Listed as SPAN 1311 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 132 Elementary Spanish II (3 Credits)

Elementary Spanish II (3) Continuation of SPAN 131. Three hours of lecture per week. Prerequisite: SPAN 131. Listed as SPAN 1312 in the Texas Common Course Numbering System.

Prerequisite(s): SPAN 131

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 231 Intermediate Spanish I (3 Credits)

Intermediate Spanish I (3) Application of grammar; elementary composition; media-aided listening and reading proficiency; focused development of aural-oral skills. Two hours of lecture and one hour of laboratory per week. Prerequisites: SPAN 131 and SPAN 132 or the equivalent. Listed as SPAN 2311 in the Texas Common Course Numbering System.

Prerequisite(s): (SPAN 131 and SPAN 132)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 232 Intermediate Spanish II (3 Credits)

Intermediate Spanish II (3) Analysis of grammar; translation; media-aided listening and reading proficiency; focused development of aural-oral skills. Two hours of lecture and one hour of laboratory per week. Prerequisite: SPAN 231. Listed as SPAN 2312 in the Texas Common Course Numbering System.

Prerequisite(s): SPAN 231

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 305 Study of Hispanic Film (3 Credits)

Study of Hispanic Film (3) Provision of critical examination of films by representing directors in the Hispanic world, focusing on presentation of Hispanic culture, history and society through the lens of cinema. Elective course. Prerequisite: SPAN 231.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 331 Review Grammar & Composition (3 Credits)

Review of Grammar and Composition (3) Provision of intensive training in manipulating Spanish in speaking and writing. Conducted in Spanish. Three hours of lecture per week. Prerequisites: SPAN 231 and SPAN 232.

Prerequisite(s): (SPAN 231 and SPAN 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 332 Conversation & Diction (3 Credits)

Conversation and Diction (3) Communication practice designed to develop a superior level of oral proficiency. Conducted in Spanish. Three hours of lecture per week. Prerequisites: SPAN 231 and SPAN 232.

Prerequisite(s): (SPAN 231 and SPAN 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 333 Intro to Span Lit I (3 Credits)

Introduction to Spanish Literature I (3) Survey of the great works of Spanish literature from the Middle Ages through the Golden Age. Conducted in Spanish. Three hours of lecture per week. Prerequisites: SPAN 331 and SPAN 332.

Prerequisite(s): (SPAN 331 and SPAN 332)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 334 Intro to Span Lit II (3 Credits)

Introduction to Spanish Literature II (3) Survey of the great works of Spanish literature from the Neoclassical period to the present. Conducted in Spanish. Three hours of lecture per week. Prerequisites: SPAN 331 and SPAN 332.

Prerequisite(s): (SPAN 331 and SPAN 332)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 335 Intro to Latin Amer Lit I (3 Credits)

Introduction to Latin American Literature I (3) Survey of the great works of Latin American writers from colonial times to the beginning of the Mexican Revolution. Conducted in Spanish. Three hours of lecture per week. Prerequisites: SPAN 331 and SPAN 332.

Prerequisite(s): (SPAN 331 and SPAN 332)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 336 Intro to Latin Amer Lit II (3 Credits)

Introduction to Latin American Literature II (3) Survey of the great works of Latin American writers of the 20th century. Conducted in Spanish. Three hours of lecture per week. Prerequisites: SPAN 331 and SPAN 332.

Prerequisite(s): (SPAN 331 and SPAN 332)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 428 Spanish: Pharmacy/Health Professionals (3 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: Dept of Foreign Languages

SPAN 438 Masterpieces-Spanish Theatre (3 Credits)

Masterpieces of World Theatre (3) Study of selected dramas in modern theatre, focusing on the masterpieces of the twentieth century. Conducted in Spanish. Three hours of lecture per week. Prerequisites: SPAN 331 and SPAN 332.

Prerequisite(s): (SPAN 331 and SPAN 332)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 439 Cul & Civ of Latin America (3 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 441 Cult & Civ Of Spain (3 Credits)

Culture and Civilization of Spain (3) Survey of the culture and civilization of Spain from prehistoric times to the Civil War. Conducted in Spanish. Three hours of lecture per week. Prerequisites: SPAN 331 and SPAN 332.

Prerequisite(s): (SPAN 331 and SPAN 332)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 444 Masterpieces of Hispanic Lit (3 Credits)

Masterpieces of Hispanic Literature (3) Study of great works from the Spanish-speaking nations and communities within the United States. Conducted in Spanish. Three hours of lecture per week. Prerequisites: SPAN 331 and SPAN 332.

Prerequisite(s): (SPAN 331 and SPAN 332)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

SPAN 445 Directed Study (3 Credits)

Directed Study (3) Study of a single topic, particular work, or author under the direction of a faculty member. Prior approval for enrollment needed from the Faculty Chair. May be retaken for credit. Prerequisite: Senior standing as a Spanish major and consent of both the Faculty Chair and instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Foreign Languages

Listing of Faculty in the Department

Caussinus, Marylise**Associate Professor of French, Interim Chair**

B.A., M.A., La Sorbonne, Paris

Ph.D., University of Louisiana at Lafayette

Garcia, Maria del Carmen**Associate Professor of Spanish**

B.A., M.A., University of Texas at Brownsville

Ph.D., University of Houston

Gellon, Sofia**Visiting Instructor of Spanish**

M.A, Ph. D., University of Houston

Sanchez Garza, Deyanira**Visiting Instructor of Spanish**

B.A. Universidad Autónoma de Nuevo León

M.A. Universidad Iberoamericana

Sun, Haiqing**Professor of Spanish**

B.A., M.A., Peking University, Beijing

Ph.D., University of Southern California

(Note: Adjunct Faculty **and Visiting Scholars** will be listed on the department website under the College of Liberal Arts and Behavioral Sciences.)

French Minor

Code	Title	Hours
Required Courses		
FR 132	Elementary French II	3
FR 142	Elementary Business French II	
FR 231	Intermediate French I	3
FR 241	Intermediate Business French I	
FR 232	Intermediate French II	3
FR 242	Intermediate Business French II	
FR 331	Review Grammar & Composition	3
Select three of the following:		9
FR 335	Scientific French	
FR 336	African Franchophone Literature	

FR 347	Contemporary France I	
FR 348	Contemporary Francophone Film	
FR 432	Business French	
FR 438	Directed Study	
FR 439	French Influence in Africa	
Total Hours		21

Spanish Minor

Code	Title	Hours
Required Courses		
SPAN 132	Elementary Spanish II	3
SPAN 231	Intermediate Spanish I	3
SPAN 232	Intermediate Spanish II	3
SPAN 331	Review Grammar & Composition	3
SPAN 332	Conversation & Diction	3
Select at least two of the following:		6
SPAN 305	Study of Hispanic Film	
SPAN 333	Intro to Span Lit I	
SPAN 334	Intro to Span Lit II	
SPAN 335	Intro to Latin Amer Lit I	
SPAN 336	Intro to Latin Amer Lit II	
SPAN 438	Masterpieces-Spanish Theatre	
SPAN 439	Cul & Civil of Latin America	
SPAN 441	Cult & Civ Of Spain	
SPAN 444	Masterpieces of Hispanic Lit	
SPAN 445	Directed Study	
Total Hours		21

Spanish, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 179)		
Major Requirements (p. 180)		
Other Requirements (p. 180)		
Minors (p. 180)		
Total Hours		120

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	

MATH 134	Plane Trigonometry	
MATH 135	Mathematics for Business and Economic Analysis I	

Life and Physical Sciences

CHEM 131	Chemistry I	3
or BIOL 143	Survey of Life Science	

Select one of the following: 3

CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	

Language, Philosophy, and Culture

Select one of the following: 3

ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	

Creative Arts

Select one of the following: 3

MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	

American History

HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3

Government/Political Science

POLS 235	American Government	3
POLS 236	Texas Government	3

Social and Behavioral Sciences

Select one of the following: 3

ECON 231	Principles Of Economics I	
ECON 232	Principles Of Economics II	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
SOC 238	Introduction To Anthropology	
GEOG 132	World Regional Geography	
PSY 131	General Psychology	

Institutional Options

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	

Select one of the following Computer Science courses: 3

CS 116	Intro To Compr Science I	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	

One additional course from the Math, Science, English, Fine Arts, or Social Science courses listed above.

Total Hours **42**

Major Spanish

Code	Title	Hours
SPAN 131	Elementary Spanish I	3
SPAN 132	Elementary Spanish II	3
SPAN 231	Intermediate Spanish I	3
SPAN 232	Intermediate Spanish II	3
SPAN 331	Review Grammar & Composition	3
SPAN 332	Conversation & Diction	3
SPAN 445	Directed Study	3
Select six of the following:		18
SPAN 305	Study of Hispanic Film	
SPAN 333	Intro to Span Lit I	
SPAN 334	Intro to Span Lit II	
SPAN 335	Intro to Latin Amer Lit I	
SPAN 336	Intro to Latin Amer Lit II	
SPAN 438	Masterpieces-Spanish Theatre	
SPAN 439	Cul & Civil of Latin America	
SPAN 441	Cult & Civ Of Spain	
SPAN 444	Masterpieces of Hispanic Lit	

Total Hours **39**

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
ENG 231	World Literature II (or higher)	3
FR 131	Elementary French I	3
FR 132	Elementary French II	3
Electives		8

Total Hours **18**

Minor

Code	Title	Hours
Contact	Department for Minor Requirements	21

Total Hours **21**

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
BIOL 143	Survey of Life Science	3
or CHEM 131	or Chemistry I	

COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
SPAN 131	Elementary Spanish I	3
FS 102	Freshman Seminar/ first Year Experience	1

Hours **16**

Second Semester

ENG 132	Freshman English II	3
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	

Select one of the following: **3**

CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
GEOL 141	Introduction To The Earth	
PHYS 101	Principles of Physics	
PHYS 237	College Physics I	
PHYS 238	College Physics II	
PHYS 251	University Physics I	

Select one of the following: **3**

ECON 231	Principles Of Economics I	
ECON 232	Principles Of Economics II	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
GEOG 132	World Regional Geography	
PSY 131	General Psychology	

SPAN 132 Elementary Spanish II **3**

Hours **15**

Second Year

Third Semester

POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 230	World Literature I	3
or ENG 231	or World Literature II	
SPAN 231	Intermediate Spanish I	3
Minor		3

Hours **15**

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
CS 116	Intro To Compr Science I	3
SPAN 232	Intermediate Spanish II	3
Minor		3

Hours **15**

Third Year

Fifth Semester

SPAN 331	Review Grammar & Composition	3
Elective		3

FR 131	Elementary French I	3
College Level Elective		3
Minor		3
Hours		15
Sixth Semester		
SPAN 332	Conversation & Diction	3
SPAN Elective		3
College Level Elective		2
FR 132	Elementary French II	3
ENG 231	World Literature II (or higher)	3
Hours		14
Fourth Year		
Seventh Semester		
Minor		3
Minor		3
SPAN Elective		3
SPAN Elective		3
SPAN Elective		3
Hours		15
Eighth Semester		
Minor		3
Minor		3
SPAN Elective		3
SPAN Elective		3
SPAN 445	Directed Study	3
Hours		15
Total Hours		120

Department of History and Geography

Undergraduate Degree(s):

- Bachelor of Arts (B.A.) in History (p. 188)
- Bachelor of Arts (B.A.) in General Studies (p. 186)

Minor(s):

- History (p. 188)
- Geography (p. 188)
- African Studies (p. 186)
- African American Studies (p. 186)
- Women's Studies (p. 190)

Graduate Degree(s):

- Master of Arts (M.A.) in History (Non-thesis Option) (p. 484)
- Master of Arts (M.A.) in History (Thesis Option) (p. 485)

The Department of History and Geography is responsible for the instruction of courses in History (HIST), Geography (GEOG), and Economics (ECON).

Department faculty are housed on the third floor of the Public Affairs Building, with the Department Office located in Room 305B. For detailed information on the Master of Arts in History, students should consult the Graduate School Bulletin of Texas Southern University. The Department

houses three distinct academic disciplines, History, Geography, and Economics, and the degree program in General Studies. It also offers core curriculum courses in History, Geography, and Economics. Through the program of study in History, the Department is committed to providing students with modern research skills and computer skills that are appropriate to the discipline and to their chosen careers. On a more abstract level, it is the goal of the Department to increase students' awareness of the nature of history and the historical process, as well as to expand their knowledge of world history and American history while emphasizing the role of African Americans and other minorities. Through course offerings and the minor available in Geography, students are introduced to the environmental, cultural, and human aspects of the world and its various regions. In addition, they develop skills, through hands-on training, in areas such as cartography and geographic information systems. The Economics component offers the two core courses in economics, which provide students with a broad understanding of the working of economic systems. The Bachelor of Arts in General Studies offers a broad interdisciplinary program that can be tailored to match a wide variety of educational and professional goals of students. Those pursuing a B.A. in General Studies are strongly encouraged to consult with an advisor to formulate a coherent and professionally practical program for this major.

The General Studies curriculum is divided into four areas:

1. The core curriculum, which requires 42 credit hours;
2. The major, which is composed of 30 credit hours of required courses;
3. The elective area, which requires 24 credit hours, 3 of which must be 300 or 400 level courses;
4. The concentration within the General Studies major, which is agreed upon by the student and advisor, requiring 24 credit hours (which may be taken in more than one department), 18 of which must be at the 300 and 400 level.

In pursuing the Bachelor of Arts (B.A.) in History, students (as first-time degree seekers) are required to declare a minor in a second academic discipline. Details of the curriculum are found on the following pages. The Academic Standards and Academic Requirements state that students majoring in history must earn a grade of "C" or better (grades of "C-" are not acceptable) in all courses specified as either major courses, other required courses, as well as all courses for their minor unless otherwise stated below. An exit examination is also required of graduating seniors in history, and all history majors must complete HIST 420 during their senior year. In addition, students seeking the B.A. degree in History must officially declare their minor area and they are required to obtain detailed advisement from an advisor in their minor area. The selection of a minor may duplicate some courses required for the History major, and impact the total number of credits required. In no case will students qualify for graduation at the undergraduate level with fewer than 120 semester credit hours.

Students majoring in General Studies must obtain a grade of "C" or better (grades of "C-" are not acceptable) in all major and concentration courses. Students wishing to pursue one of the two undergraduate degrees or one of the five minors offered through the Department must do the following:

1. first gain admission to the University;
2. satisfy Texas Success Initiative (TSI) requirements or equivalent with the University's TSI Testing Coordinator; and
3. petition the Department for admission when TSI requirements are completed. Once admitted, students are assigned an official faculty

advisor who must be consulted each semester prior to registration. Students are also expected to keep the Department Office apprised of changes in addresses and telephone numbers.

Individuals interested in seeking certification for teaching in the public schools of Texas in academic disciplines offered through this unit should contact the Teacher Certification Officer in the College of Education at Texas Southern University for application instructions.

Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience with any college level course to complete the total credit hours required for graduation by their degree plan.

In summary, students must gain admission to the University, must satisfy Texas Success Initiative (TSI) requirements or equivalent, and must petition the Department for major or minor status upon completion of TSI requirements. Each student admitted is assigned an official advisor, and students interested in certification for teaching in the public schools of Texas should contact the Teacher Certification Officer in the College of Education. An exit examination is required of graduating seniors. Further information may be obtained by contacting the Department Office at (713) 313-7794.

Major

- General Studies, Bachelor of Arts (p. 186)
- History, Bachelor of Arts (p. 188)

Minor

- African American Studies Minor (p. 186)
- African Studies Minor (p. 186)
- Geography Minor (p. 188)
- History Minor (p. 188)
- Women's Studies Minor (p. 190)

History Courses

HIST 131 World History I (3 Credits)

World History to 1500 (3) General survey of civilization from prehistoric times to the present with emphasis on the development of the ideas, events, and institutions that make up the modern world. Three hours of lecture per week. Listed as HIST 2311 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 132 World History II (3 Credits)

World History since 1500 (3) Continuation of HIST 131. Three hours of lecture per week. Listed as HIST 2312 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 231 Soc & Pol Hist US to 1877 (3 Credits)

Social and Political History of the United States to 1877 (3) Survey of the history of the United States with particular emphasis on the institutions and events which transformed America from an English colony to a world power. Three hours of lecture per week. Listed as HIST 1301 in the Texas Common Course Numbering System.

Prerequisite(s): (or or or or TSI Exemption TAKS with a score of 2200 or or TSI READ Assessment with a score of 351 or C-Better Reading Resident Stu with a score of 2.00 or C-Better Reading Transfer Stu with a score of 2.00) or (and READ 101 (may be taken concurrently) or ENG 101 (may be taken concurrently) or ENG 130) or (TSI READ Assessment with a score of 945 and TSI ESSAY Assessment with a score of 5) or (TSI READ Assessment with a score of 910 and TSI ESSAY Assessment with a score of 5 and Adult Basic Education READING with a score of 5)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 232 Soc & Pol Hist US Since 1877 (3 Credits)

Social and Political History of the United States since 1877 (3) Continuation of HIST 231. Three hours of lecture per week. Listed as HIST 1302 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 246 Introduction to Women's Study (3 Credits)

Introduction to Women's Studies (3) Interdisciplinary in scope, this course introduces the study and contributions of women and gender as social categories that transform our understanding of culture, history, and society. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 281 Intro to African American Hist (3 Credits)

Introduction to African American History (3) Historical, economic, and cultural development of African Americans from slavery through the Civil Rights and post-Civil Rights era. Three hours of lecture per week. Listed as History 2381 in the Texas Common Course Numbering System. *[This course is pending approval by the THECB]

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 321 African Amer Hist To 1865 (3 Credits)

African American History to 1865 (3) Survey of the history of African Americans in the United States from the colonization of North America through the Civil War. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 322 African Amer Hist Since 1865 (3 Credits)

African American History since 1865 (3) Continuation of HIST 321. Survey of the history of African Americans in the United States from the Civil War to the present. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 331 Modern Europe 1815 (3 Credits)

Modern Europe from 1450 to 1815 (3) Examination of the political, social, and cultural history of Europe from the Renaissance through the French Revolution. Three hours of lecture per week. Prerequisites: HIST 131, HIST 132, HIST 231, and HIST 232.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 332 Modern Europe From 1815 (3 Credits)

Modern Europe since 1815 (3) Examination of the political, social, and cultural history of Europe from the Congress of Vienna to the end of the cold war. Three hours of lecture per week. Prerequisites: HIST 131, HIST 132, HIST 231, and HIST 232.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 341 Latin Amer Hist Since 1500 (3 Credits)

Latin American History since 1500 (3) Examines the history of Latin America from the conquest in the sixteenth century to the present.

Emphasizes the formation of society and the economy in the colonial era, the changes set in motion by independence in the nineteenth century, and the implications of industrialization in the twentieth century. Three hours of lecture per week.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 342 History of Mexico (3 Credits)

History of Mexico (3) Explores the history of Mexico from the Spanish conquest in the sixteenth century to the present. Emphasizes the development of Mexico since independence. Particular attention is devoted to the evolving relationship between Mexico and the United States. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 343 History of Brazil (3 Credits)

History of Brazil (3) Explores the history of Brazil from the onset of Portuguese colonization in the sixteenth century to the present. Emphasizes the significance of slavery in Brazil's development through the end of the nineteenth century, and the transformation of Brazil into a multiracial industrialized democracy in the twentieth century. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): HIST 231 and HIST 232

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 344 Con Hist of US to 1877 (3 Credits)

Constitutional History of the United States (3) An examination of legal constitutional problems and issues in American history. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 348 Women and Empire (3 Credits)

Women and Empire (3) Examination of the history of gender, sexuality, and racial and national identity. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 349 Women's History (3 Credits)

Women's History (3) Survey of the history of women in the United States from the colonial period to the present. Three hours of lecture per week.

Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 360 History of China/ Film (3 Credits)

Introduction to the history of China from the earliest historical records (about 1200 BCE) up to the present, using film, primary sources, and secondary historical research. Three hours of lecture per week.

Prerequisite(s): HIST 231 and HIST 232

College/School: Liberal Arts & Behavioral Scie

Department: (R)HistoryGeographyEconomics

HIST 361 History of Imperial China (3 Credits)

Cultural history of China of the earliest historical records (about 1200 BCE) up through the end of the Imperial period (1911CE). Three credit hours of lecture per week.

Prerequisite(s): HIST 231 and HIST 232

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 362 History of Modern China (3 Credits)

Cultural history of China from the end of the Imperial period (1911) up to the present. Three hours of lecture per week.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 371 Texas History (3 Credits)

Texas History (3) History of Texas from prehistoric times to the present. Special attention focused on the role of Texas as a crossroad between Anglo and Latin America. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 381 African Civ To 1800 (3 Credits)

African Civilizations to 1800 (3) Introduction to the rise of African civilizations from the first African civilization in Egypt through the period of the Atlantic slave trade. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 382 African Civ Since 1800 (3 Credits)

African Civilizations since 1800 (3) Continuation of HIST 381. Examines the integration of African societies into the world economy and the responses of Africans to that integration. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 410 Archival Records (3 Credits)

Archival Methods and Records Management (3) Examination of the evolution of record collection and preservation in modern times. Students work directly with historical records. Three hours of lecture per week.

Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): HIST 231 and HIST 232

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 420 Capstone Seminar (3 Credits)

Capstone Seminar (3) Directed reading course that may be repeated for up to six hours credit. Open to senior History majors and minors and required of majors. Students must undertake an independent research project leading to the production of an article-length senior thesis. Three hours of lecture per week. Prerequisites: HIST 131, HIST 132, HIST 231, and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232 and HIST 131 and HIST 132)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 421 Topics in African Diaspora (3 Credits)

Topics in African Diaspora (3) Directed readings course that may be repeated for up to six hours credit. Topics examine the history of the peoples of the African Diaspora. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 430 Topics In History (3 Credits)

Topics in U.S. History (3) Intensive study with reading and discussion of special topics in United States, African American, and world history. Special attention will be focused on selected national and international topics. Three hours of lecture per week. May be repeated for up to 9 credits as topics vary. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 432 Topics in World History (3 Credits)

Topics in World History (3) Directed readings course that may be repeated for up to six hours credit. Topics examine themes in the history of societies and cultures throughout the world. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): HIST 231 and HIST 232

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 434 Topics In Latin Amer Hist (3 Credits)

Topics in Latin American History (3) General study of the origins of the peoples, cultures, and politics of Latin America with special emphasis on the problems of colonialism, imperialism, and hemispheric solidarity. Prerequisites: HIST 231 and HIST 232. May be repeated for up to six credits as topics vary.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: (R)DeptHlth,PhysEdu&Rec

HIST 438 History of the South (3 Credits)

History of the South (3) Examination of the South, including Houston during and after slavery with particular emphasis on race relations as well as cultural and economic development. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: (R)DeptHlth,PhysEdu&Rec

HIST 439 The United States Since 1945 (3 Credits)

The United States since 1945 (3) Examination of the rapid social and political changes experienced by the United States since World War II with particular attention given to America's involvement in foreign affairs. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 447 Mod African-American Hist (3 Credits)

Modern African American History (3) Examination of the background and events of the struggle for legal, political, and economic equality by African Americans up to the present day. Three hours of lecture per week. May be repeated as topics vary. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 451 Mexican Amer Hist (3 Credits)

Mexican American History (3) Examination of the Mexican-American people with special emphasis on Texas and the Southwest. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 461 Topics in Chinese History I (3 Credits)

This is an upper division course in Chinese History. Three credit hours lecture per week.

Prerequisite(s): HIST 231 and HIST 232

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 462 Topics in Chinese History II (3 Credits)

This is an upper level division course in Chinese History. Three credit hour course per week.

Prerequisite(s): HIST 231 and HIST 232

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 471 Revolutionary America (3 Credits)

The American Revolution (3) Examination of the explosive political, social, and cultural developments between 1763 and 1789 which culminated in a war for independence and the adoption of the U. S. Constitution. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 478 Slavery (3 Credits)

Slavery (3) Examination of the political, social, economic, and cultural impact of slavery on the Western world. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 479 Urban Hist Of U S (3 Credits)

Urban History of the United States (3) Examination of the process of urbanization in American history with special emphasis on the role of ethnic minorities, Blacks, and Browns, in an urban nation. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 481 Topics In African Hist (3 Credits)

Topics in African History (3) Series of specialized topics in African history. Topics include ancient African kingdoms, history of South Africa, and the Atlantic slave trade. May be repeated up to 6 credits as topics vary. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 2381 Intro to African American Hist (3 Credits)**College/School:** Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography

African Studies Course

AFS 132 Introduction to African Studies (3 Credits)

Introduction to African Studies (3) This course is a multi-disciplinary course designed to give students a broad overview of African history, culture, economics, and art. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography

Economics Courses

ECON 231 Principles Of Economics I (3 Credits)

Principles of Economics I (3) Introduction to macro economic analysis pertaining to the overall performance of the economy. Emphasis on measurement of aggregate output, determination of the level of income and employment, and evaluation of various monetary and fiscal policies of government. Three hours of lecture per week. Prerequisites: 6 semester credits of Mathematics. Listed as ECON 2301 in the Texas Common Course Numbering System.

Prerequisite(s): MATH 133 or MATH 135 or MATH 138**College/School:** Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**ECON 232 Principles Of Economics II (3 Credits)**

Principles of Economics II (3) Introduction to micro economic analysis of pricing and output decisions, resource allocation, market structure, income distribution, and international trade. Problems of agriculture, labor unions, and other sectors of the economy addressed. Three hours of lecture per week. Prerequisites: 6 semester credits of Mathematics. Listed as ECON 2302 in the Texas Common Course Numbering System.

Prerequisite(s): (MATH 133 or MATH 135 and MATH 138)**College/School:** Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography

Geography Courses

GEOG 132 World Regional Geography (3 Credits)

World Regional Geography (3) Survey of the regions and nations of the planet and the geographical foundations of their physical and cultural characteristics. Three hours of lecture per week. Listed as GEO 1303 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 231 Geog Of North Amer (3 Credits)**

Geography of North America (3) Geographical analysis of the nations of North American. Relationships among natural resources, social structure, and economic structure and development discussed. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 232 Population Geography (3 Credits)**

Population Geography (3) Designed to demonstrate how spatial variations in the distribution, composition, migration, and growth of populations are related to spatial variations in the nature of places. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 234 Cities of The World (3 Credits)**

Cities of the World (3) This course provides an interdisciplinary introduction to the city in the context of contemporary globalization. Analysis of urban patterns and processes through the theoretical perspectives of various disciplines and methodologies. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 330 Intro To Cartography (3 Credits)**

Introduction to Cartography (3) Introduction to the fundamentals of cartography, including basic computer mapping techniques. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 331 Geography Of Texas (3 Credits)**

Geography of Texas (3) Designed to acquaint students with the principal geographic factors influencing the development of the state of Texas. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 332 Economic Geography (3 Credits)**

Economic Geography (3) Consideration of oceans, rivers, and highways as carriers of trade and of factors of location, minerals, and population as determinants in the commercial development of our civilization. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 334 Urban Geography (3 Credits)**

Urban Geography (3) This course examines city systems and theories of urban location, internal spatial structure of the city, commercial and industrial location, social areas, neighborhood use and land use change, urban trends, and public policy. Three hours of lecture per week

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 336 Geography Of Africa (3 Credits)****College/School:** Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 337 Geography Of Asia (3 Credits)**

Geography of Asia (3) Survey of the geography of Asia with emphasis on the Middle East, Far East, and Indochina. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 338 Geographic Information Systems (4 Credits)**

Geographic Information Systems (4) Survey of computerized spatial data handling systems for visual display or analytic modeling purposes. Three hours of lecture and one hour of laboratory per week. Prerequisite: CS 116 or the equivalent.

Prerequisite(s): (CS 116)**College/School:** Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography**GEOG 430 People & Culture of Africa (3 Credits)**

The People and Culture of Africa (3) Integrated overview of the African cultural history, social organizations, economic and political geography. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Dept of History & Geography

GEOG 431 Geog Of Health & Disease (3 Credits)

Geography of Health and Disease (3) Study of the spatial distribution of diseases and their relationship to the environment and the geographical aspects of health-related activities. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

GEOG 432 Geog Of Transportation (3 Credits)

Geography and Transportation (3) Consideration of the nature of spatial interactions, the various kinds of transport media, and the relationship between transportation and economic and social patterns. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

African American Studies Minor

21 semester credit hours are required through enrollment in three (3) three-credit courses and nine (12) additional credits at the 200-level or above. The three required courses are:

Code	Title	Hours
HIST 321	African Amer Hist To 1865	3
ENG 244	African-American Literature	3
POLS 410	African American Politics	3
Select four of the following:		12
HIST 322	African Amer Hist Since 1865	
HIST 381	African Civ To 1800	
HIST 382	African Civ Since 1800	
HIST 478	Slavery	
HIST 481	Topics In African Hist	
SOC 254	Black Perspec In Soc	
SOC 335	Ethnic Groups In Society	
ENG 243	African Literature	
ENG 440	African American Poets	
ENG 441	African-Am Lit:Fiction & Crit	
POLS 412	Civil Rights	
ART 137	Intro African Art	
ART 139	African-American Art & Culture	
THEA 339	African American Theatre	
"COMM 325	African American Rhetoric"	
Total Hours		21

Courses used to fulfill minor requirements in African American Studies cannot be simultaneously used to fulfill a major requirement.

African Studies Minor

students must take 21 semester credit hours selected from the list below. Of the 21 hours students must take:

Code	Title	Hours
AFS 132	Introduction to African Studies	3
ART 137	Intro African Art	3
Three hours of foreign language, either French or an African language		3
Select four of the following:		12
ART 135	Topics in Contemp Art & Cultur	
ECON 443	Economics of Development	

ENG 243	African Literature	
FR 439	French Influence in Africa	
GEOG 430	People & Culture of Africa	
HIST 381	African Civ To 1800	
HIST 382	African Civ Since 1800	
HIST 421	Topics in African Diaspora	
POLS 360	Pol Systems Of Africa	
COMM 432	INTERCULTURAL COMMUNICATION THEORY & METHOD	
SOC 238	Introduction To Anthropology	
SOC 335	Ethnic Groups In Society	
Total Hours		21

Courses used to fulfill minor requirements in African Studies cannot be simultaneously used to fulfill a major requirement.

General Studies, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Code	Title	Hours
General Education Core Curriculum (p. 186)		42
Major Requirements (p. 187)		30
Concentration (p.)		24
Other Requirements (p. 187)		24
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 132	Contemporary Mathematics I ³	
	or MATH 133College Algebra	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL, CHEM, PHYS, or GEOL ⁴		3
Language, Philosophy, and Culture		
ENG 2XX ⁵		3
Creative Arts		
MUSI, ART, or THEA ⁶		3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
	or POLS 236 Texas Government	
Social and Behavioral Sciences		
Social and Behavioral Sciences Course ⁷		3
Institutional Options		

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
One additional course ⁸		3
Total Hours		36

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents total credit hours

³ Students considering graduate school are strongly encouraged to complete MATH 133 College Algebra.

⁴ Select 3 SCH from University approved core curriculum in BIOL, CHEM, PHYS, or GEOL.

⁵ Select one of the following: ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, ENG 244 African-American Literature (TCCNS: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁶ Select 3 SCH from University approved core curriculum in MUSI, ART, or THEA

⁷ Select one of the following: PSY 131 General Psychology, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 238 Introduction To Anthropology, ECON 231 Principles Of Economics I, GEOG 132 World Regional Geography (TCCNS: PSYC 2301, SOCI 1301, SOCI 1306, SOCI 2306, ANTH 2346, ECON 1301, ECON 2301, or GEOG 1303)

⁸ Institutional Options: One additional class from the TSU approved Core Curriculum options in Social and Behavioral Sciences, Creative Arts, Life and Physical Sciences, or Mathematics, or Computer Science

Major (General Studies)

Code	Title	Hours
CS 116	Intro To Compr Science I	3
HIST 131	World History I	3
or HIST 132	World History II	
Select one of the following		3
MATH 133	College Algebra	
MATH 137	Contemporary Mathematics II	
MATH 231	Elementary Statistics	
SOC 3xx		3
ENG 3xx		3
GEOG 3xx or 4xx		6
HIST 3xx or 4xx		6
HIST 420	Capstone Seminar	3
Total Hours		30

Concentration

Code	Title	Hours
See Advisor		24
Total Hours		24

Other Requirements

Code	Title	Hours
Electives (see advisor)		23
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		24

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 132	Contemporary Mathematics I	3
or MATH 133	or College Algebra	
CHEM 131	Chemistry I	3
or BIOL 143	or Survey of Life Science	
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
HIST 231	Soc & Pol Hist US to 1877	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
ENG 132	Freshman English II	3
Creative Arts ¹		3
Life and Physical Sciences ²		3
Social and Behavioral Sciences ³		3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		15

Second Year		
Third Semester		
POLS 235	American Government	3
Institutional Option ⁴		3
HIST 131	World History I	3
or HIST 132	or World History II	
CS 116	Intro To Compr Science I	3
Elective		3
Hours		15

Fourth Semester		
POLS 236	Texas Government	3
ENG 2XX ⁵		3
Select one of the following:		3
MATH 137	Contemporary Mathematics II	
MATH 231	Elementary Statistics	
MATH 133	College Algebra	
Concentration		3
Concentration		3
Hours		15

Third Year		
Fifth Semester		
HIST 3XX or 4XX		3
GEOG 3XX or 4XX		3
ENG 3XX		3
Concentration		3

Elective	3
Hours	15
Sixth Semester	
HIST 3XX or 4XX	3
GEOG 3XX or 4XX	3
SOC 3XX	3
Concentration	3
Elective	3
Hours	15
Fourth Year	
Seventh Semester	
HIST 420	3
Capstone Seminar	3
Concentration	3
Concentration	3
Elective	3
Elective	3
Hours	15
Ninth Semester	
Concentration	3
Concentration	3
Elective	3
Elective	3
Elective	3
Hours	15
Total Hours	121

¹ Creative Arts: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art

² Life and Physical Sciences: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, PHYS 237 College Physics I, PHYS 238 College Physics II, or PHYS 251 University Physics I

³ Social and Behavioral Sciences Area: ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology, GEOG 132 World Regional Geography, or PSY 131 General Psychology

⁴ Institutional Options: Communication and Foreign Language (COMM 135 BUSINESS & PROFESSIONAL COMMUNICATION, COMM 136 PUBLIC ADDRESS, CHNS 131 Elementary Chinese I, FR 131 Elementary French I, or SPAN 131 Elementary Spanish I)

⁵ Language, Philosophy & Culture: ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature

Geography Minor

21 semester credit hours are required, including:

Code	Title	Hours
GEOG 132	World Regional Geography	3
Additional Geography credit hours ¹		18
Total Hours		21

¹ At least 9 credit hours must be at the 300 or 400 level.

History Minor

21 semester credit hours are required, including the six hours required by the core and an additional 15 hours which must include two courses in world history and 9 hours at the 300-level or 400-level. The four required courses are as follows:

Code	Title	Hours
HIST 131	World History I	3
HIST 132	World History II	3
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3

History, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Code	Title	Hours
General Education Core Curriculum (p. 188)		42
Major Requirements (p. 189)		30
Other Requirements (p. 189)		29
Minor (p. 189)		21
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 132	Contemporary Mathematics I ³	
	or MATH 133 College Algebra	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
MUSI 136	Music Appreciation ⁵	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
	or POLS 236 Texas Government	
Social and Behavioral Sciences		
Social and Behavior Science Course ⁶		3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	

One additional course ⁷	3
Total Hours	36

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents credit hours.

³ Students considering graduate school are strongly encouraged to take MATH 133 College Algebra.

⁴ Select one of the following: ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCNS: ENGL 2332, ENGL 2333, ENG 2326, or ENGL 2326)

⁵ Select 3 SCH from one of the following Creative Arts options: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, ART 137 Intro African Art, or THEA 130 Introduction to Theatre.

⁶ Select one of the following: PSY 131 General Psychology, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology, ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, GEOG 132 World Regional Geography (TCCNS: PSYC 2301, SOCI 1301, SOCI 1306, SOCI 2306, ANTH 2346, GEOG 1303, ECON 2301, ECON 2302, SOCI 2306, SOCI 2306, ANTH 2346, ECON 1301, ECON 2301, or GEOG 1303)

⁷ Institutional Options: One additional class from the TSU approved Core Curriculum options in Social and Behavioral Sciences, Creative Arts, Life and Physical Sciences, or Mathematics.

Major (History)

Code	Title	Hours
HIST 131	World History I	3
HIST 132	World History II	3
HIST 331	Modern Europe 1815	3
or HIST 332	Modern Europe From 1815	
HIST 420	Capstone Seminar	3
HIST Elective: Non Western History		3
HIST Electives		15

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
ENG 23X		3
HIST 281	Intro to African American Hist	3
Electives		22
Total Hours		29

Minor

Code	Title	Hours
Contact department of minor for advisement		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3

COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
BIOL 143	Survey of Life Science	3
Creative Arts ¹		3
HIST 231	Soc & Pol Hist US to 1877	3
FS 102	Freshman Seminar/ first Year Experience	1

Hours 16

Second Semester

ENG 132	Freshman English II	3
MATH 132 or MATH 133	Contemporary Mathematics I or College Algebra	3
GEOL 141	Introduction To The Earth	3
Social and Behavioral Sciences ²		3
HIST 232	Soc & Pol Hist US Since 1877	3

Hours 15

Second Year

Third Semester

POLS 235	American Government	3
ENG 23X ³		3
HIST 131	World History I	3
Institutional Option ⁴		3
HIST 281	Intro to African American Hist	3

Hours 15

Fourth Semester

POLS 236	Texas Government	3
ENG 2XX ³		3
HIST 132	World History II	3
Elective		3
Minor		3

Hours 15

Third Year

Fifth Semester

HIST 331 or HIST 332	Modern Europe 1815 or Modern Europe From 1815	3
HIST Elective		3
Minor		3
Elective		3
Elective		3

Hours 15

Sixth Semester

HIST Elective - Non-Western History		3
HIST Elective		3
Minor		3
Minor		3
Elective		3

Hours 15

Fourth Year

Seventh Semester

HIST 420	Capstone Seminar	3
HIST Elective		3
Minor		3
Minor		3

Elective	3
Hours	15
Eighth Semester	
HIST Elective	3
HIST Elective	3
Minor	3
Elective	3
Elective	3
Elective	1
Hours	16
Total Hours	122

- ¹ Creative Arts: MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art
- ² Social and Behavioral Sciences Area: ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology, GEOG 132 World Regional Geography, or PSY 131 General Psychology
- ³ Language, Philosophy & Culture: ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature
- ⁴ Institutional Options: Communication and Foreign Language (COMM 135 BUSINESS & PROFESSIONAL COMMUNICATION, COMM 136 PUBLIC ADDRESS, CHNS 131 Elementary Chinese I, FR 131 Elementary French I, or SPAN 131 Elementary Spanish I)

Women's Studies Minor

21 semester credit hours are required through enrollment in four (4) three-credit courses and nine (9) additional credits at the 200-level or above. The required courses are as follows:

Code	Title	Hours
ENG 339	Women's Literature	3
HIST 349	Women's History	3
SOC 460	Women in Society	3
POLS 440	Women and Politics	3
Select three of the following: ¹		9
SOC 221	Soc Of Human Sexuality	
HIST 348	Women and Empire	
SOCW 333	Violence & Abuse In Fams	
Any course with a focus on women		
Total Hours		21

- ¹ Prerequisites: Completion of all required ENG 131 Freshman English I, ENG 132 Freshman English II, and 200-level core curriculum requirement.

Courses used to fulfill minor requirements in Women's Studies cannot be simultaneously used to fulfill a major requirement.

Department of Human Services and Consumer Sciences

Undergraduate Degree(s):

- Bachelor of Science in Human Services and Consumer Sciences (Child and Family Development Concentration) (p. 198)
- Bachelor of Science in Human Services and Consumer Sciences (Dietetics Concentration) (p. 199)
- Bachelor of Science in Human Services and Consumer Sciences (Food and Nutrition Concentration) (p. 201)
- Bachelor of Science in Human Services and Consumer Sciences Family and Consumer Sciences Concentration Certification (p. 202)
- Bachelor of Science in Human Services and Consumer Sciences Family Consumer Sciences Family and Consumer Sciences Concentration (Without Certification) (p. 204)

Minor(s):

- Human Services and Consumer Sciences (p. 206)

Graduate Degree(s):

- Human Services and Consumer Sciences Plan A. (Thesis Option), Master of Science (p. 489)
- Human Services and Consumer Sciences Plan B. (Non-Thesis Option), Master of Science (p. 490)

The Department of Human Services and Consumer Sciences (HSCS) is one of nine units in the College of Liberal Arts and Behavioral Sciences (COLABS). The Department offers degrees at both the undergraduate and graduate level. The undergraduate level offers the Bachelor of Science (B.S.) in Human Services and Consumer Sciences with four (4) concentrations to include Child and Family Development (CFDV), Family and Consumer Sciences (FCS), Food and Nutrition (FN), and Dietetics. The graduate level offers a Master of Science (M.S.) in Human Services and Consumer Sciences.

Students interested in the Master of Science in Human Services and Consumer Sciences should refer to the Graduate School Bulletin of Texas Southern University for details.

The Human Services and Consumer Sciences Department (HSCS) is housed in the Cecelia Scott Lane Building. The Department Office is located in room 103 of that facility. HSCS Department personnel may be contacted at 713-313-7230.

Mission and Goals

The mission of the Department of Human Services and Consumer Sciences is to improve the quality of life for individuals and families in the global society through high quality programs, outreach services and research. The HSCS curriculum is aligned with the University's mission as a special purpose institution of higher education for urban programming with specialized training and experiences related to urban issues in homes, schools, and communities.

Specific goals of the multidisciplinary program include:

- Preparing self-empowered, competent individuals for entrepreneurial, leadership, and professional roles in child development, human development, dietetics, food service, human nutrition, family studies, consumer and community services.

- Increasing the competence of students in planning and conducting research in the areas of Human Services and Consumer Sciences.
- Preparing individuals to function in roles as innovators, advocates, and knowledgeable Human Services and Consumer Sciences professionals.

The HSCS programs are designed to broaden the students' knowledge concerning:

- Changing family structure and function; Behavioral aspects of the family;
- Interrelationships within families and other societal subsystems;
- Nutrition and its relationship to the health and well-being of societal subsystems.

Structure of Degree Programs

The Department of Human Services and Consumer Sciences offers degrees at both the undergraduate and graduate level:

Undergraduate: Bachelor of Science in Human Services and Consumer Sciences with four (4) concentrations: Child and Family Development; Family and Consumer Sciences; Food and Nutrition; and Dietetics.

Graduate: Master of Science in Human Services and Consumer Sciences with three (3) concentrations: Child and Family Development; Food and Nutrition; and Human Services and Consumer Sciences Composite

Matriculation Requirements

In pursuing the Bachelor of Science degree in Human Services and Consumer Sciences, students are not required to declare a minor in a second academic discipline since all HSCS fields of study are composite majors. The four concentrations of the Bachelor of Science degree in Human Services and Consumer Sciences require a completion of a minimum of 120 semester credit hours. Transfer students may substitute FS 102 with any college level course to complete the total credit hours required for graduation by their degree plan.

1. Grade Requirements:

- All students who major in HSCS programs of study must earn grades of "C" or better in all courses specified as University core courses major and cognate courses (thus, grades of "C-" or less are unacceptable).
- Completion of the Dietetics program with a baccalaureate degree requires successfully earning 125 semester hours, grades of "C" or better in required English and Mathematics courses.
- Students must earn an overall GPA of 3.0 in all pre-requisite science programs. Additionally, grades of "B" or better must be earned in all major courses.

2. Exam Requirements:

- All HSCS majors (except Dietetics) must take and pass an Exit Exam in their area of specialty before graduating.
- Students in the dietetics concentration must successfully pass NUTR 490 Capstone Seminar and dietetics in lieu of an Exit Exam.

3. Health Insurance:

- Health insurance is required of all Dietetic students participating in practical experiences as a condition of the affiliation agreements with host sites.

4. Health Tests:

- All HSCS majors must observe immunization record and health test requirements of clinical and practicum host sites.

5. Background Checks:

- A background check is required of any student participating in a HSCS or Dietetics practicum or clinical experience.

Students are referred to the Harris County Criminal Courts Customer Service Department to request a background check. Students are responsible for any associated fees or paperwork.

Students desiring to pursue an undergraduate degree or the minor offered through the Department must first gain admission to the University, satisfy Texas Success Initiative (TSI) or equivalent requirements and must complete any identified deficiencies. They must also petition the Department for admission as TSI and/or equivalent requirements are completed. Once admitted, students will be assigned an official faculty advisor with whom they must consult on a semester or term basis to ascertain progress toward completion of major degree or minor requirements. **Individuals interested in seeking certification for teaching in the public schools of Texas in academic disciplines offered through this unit should contact the Director of Certification in the College of Education at Texas Southern University for application instructions.** Additionally, majors in Human Services and Consumer Sciences disciplines should be advised that major courses, especially at the upper level, are offered in rotational sequences. Further, lower level major courses should be completed before enrolling in upper level courses. To ensure quality instruction and outcome competencies, course sequence restrictions will be observed for all HSCS majors.

The Child and Family Development concentration focuses on growth throughout the life span as well as family dynamics and the impact on individual family members. This program prepares individuals for management, entrepreneurial and other professional careers in agencies, institutions, and programs that focus on services for children, youth, adults and families. Some career options include:

- case workers
- parent educators
- family-child educators
- recreation workers/play therapists
- civil servants in family service units of police departments
- early childhood professionals in private, parochial, and public schools (with certification)
- owners/ directors of schools for young children.

The Family and Consumer Sciences concentration provides a holistic program of study with courses that focus on providing opportunities for the development of competence in family and consumer program development and leadership. In addition, students may opt to receive certification in Human Development and Family Studies or Family and Consumer Sciences in cooperation with the College of Education. Career options include:

- secondary vocational family and consumer sciences teacher (with certification)
- adult program development/directorship
- consumer counseling
- eldercare service providers
- directors
- entrepreneurs
- customer service representatives

A total of 120 semester hours are required for completion of each of the three related composites: the Composite Family and Consumer Sciences with certification, the Composite Family and Consumer Sciences without certification, and Composite Human Development and Family Studies with certification.

Dietetics Concentration

Accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND®) of the Academy of Nutrition and Dietetics, the Dietetic Program in Dietetics (DPD) is designed for students desirous of becoming registered dietitian nutritionists employed in:

- health
- community
- business
- research
- private
- educational agencies/facilities

Career options include, but are not limited to:

- clinical
- research
- food production/management
- pediatric
- oncology
- nutrition entrepreneur
- gerontology
- sports
- cardiovascular and wellness dietitians

The program requires 126 semester hours which includes pre-professional and professional courses. To meet eligibility requirements for becoming a Registered Dietitian, the following steps must be followed:

Requirements for Becoming a Registered Dietitian

Eligibility for the Registration Examination for Dietitians is determined by evaluation of current requirements as established by the Commission on Dietetic Registration (CDR). The present eligibility requirements address academic preparation and supervised practice as explained below.

1. Complete a minimum of a bachelor's degree at a U.S. regionally accredited university or college and course work approved by the Accreditation Council for Education in Dietetics (ACEND) of the Academy of Nutrition and Dietetics.
2. Complete an ACEND-accredited supervised practice program or dietetic internship at a university or college, healthcare facility, community agency, or a food service corporation, or combined with undergraduate or graduate studies. Dietetic internships provide at least 1200 hours of supervised practical experience and typically runs six to twelve months in length.
3. Pass a national examination administered by the Commission on Dietetic Registration (CDR).
4. Complete continuing professional educational requirements to maintain registration.

Source: The Academy of Nutrition and Dietetics.

- Human Services and Consumer Sciences (Child and Family Development Concentration), Bachelor of Science (p. 198)

- Human Services and Consumer Sciences (Dietetics Concentration), Bachelor of Science (p. 199)
- Human Services and Consumer Sciences (Food and Nutrition Concentration), Bachelor of Science (p. 201)
- Human Services and Consumer Sciences Family and Consumer Sciences Concentration Certification, Bachelor of Science (p. 202)
- Human Services and Consumer Sciences Family Consumer Sciences Family and Consumer Sciences Concentration (Without Certification), Bachelor of Science (p. 204)
- Human Services and Consumer Sciences Minor (p. 206)

Art and Design Courses

AD 130 Environmental Design (2 Credits)

Environmental Design (2) Introduction to the elements and principles of design. Two hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

AD 130L Environ Design Lab (1 Credits)

Environmental Design Laboratory (1) Laboratory course to accompany AD 130. Two hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

AD 131 Intro To Housing (2 Credits)

Introduction to Housing (2) Space planning, color schemes, and selection of residential furnishings and accessories according to lifestyle and budget considerations. Two hours of lecture per week. Prerequisites: AD 130 and AD 130L.

Prerequisite(s): (AD 131L (may be taken concurrently))

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

AD 131L Intro To Housing Lab (1 Credits)

Introduction to Housing Laboratory (1) Laboratory course to accompany AD 131. Two hours of laboratory per week. Prerequisites: AD 130 and AD 130L.

Prerequisite(s): (AD 131) and (AD 130L)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

AD 133 INTRO TO HOUSING (3 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

AD 233 Textiles I (2 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

AD 330 Visual Merchandising (3 Credits)

Prerequisite(s): (AD 130 and CT 231 and AD 130L)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

AD 331 Adv Prin Des Illus (3 Credits)

Prerequisite(s): (AD 130 and AD 130L)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

AD 433 Textile Design (2 Credits)

Prerequisite(s): (AD 130 and AD 130L)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

AD 433L Textile Design Lab (1 Credits)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**AD 435 Interior Space & Equipment Pln (1 Credits)**

Interior Space and Equipment Planning (1) Planning, design, and budgeting of furnishings and equipment in residential environments. One hour of lecture. Co-requisite AD 435L; Prerequisites; Ad 131 and junior/senior status.

Prerequisite(s): (AD 435L) and (AD 131 or AD 130)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**AD 435L Int Space & Equipment Plan Lab (2 Credits)**

Interior Space and Equipment Planning Lab (2) Planning, design, and budgeting of furnishings and equipment in residential environments laboratory course to accompany AD 435. Four (4) hours laboratory per week. Prerequisites: AD 131/AD 131L and Junior/Senior status.

Prerequisite(s): AD 435 (may be taken concurrently) and AD 130 or AD 131**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci

Child and Family Development

CFDV 233 Family Relationships (3 Credits)

Family Relationships (3) Study of interpersonal relationships within the family. Emphasis on analysis of differences in lifestyle and implications of interactions. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 234 Survey Early Childhood Dev (3 Credits)**

Survey of Early Childhood Development (3) Study of the child's sequential development from conception through age twelve with primary emphasis on conception through eight years of age. Observations in appropriate settings required. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 235 Interaction with Young Childrn (3 Credits)**

Interaction with Young Children (3) Supervised observation and participation with two-to-six-year-old children in a laboratory setting. One hour of lecture per week. Prerequisites: CFDV 233 and CFDV 234 or consent of the instructor.

Prerequisite(s): (CFDV 233 and CFDV 234)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 235L Interact with Young Child Lab (0 Credits)**

Interaction with Young Children Laboratory (0) Laboratory course to accompany CFDV 235. Four hours of laboratory per week. Prerequisites: CFDV 233 and CFDV 234 or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 331 Methods in Child Study (3 Credits)**

Multicultural Strategies (3) Study and interpretation of developmentally appropriate assessment techniques necessary for understanding and guiding the behavior of children. Observations in appropriate settings required. Three hours of lecture per week. Prerequisites: CFDV 234 and CFDV 235 or consent of the instructor.

Prerequisite(s): CFDV 234 and CFDV 235**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 332 Children's Play Dev and Role (3 Credits)**

Children's Play: Development and Role (3) Study of the theories of play and use of materials relating to broad areas of growth and development. Emphasis on application of theories to program areas and appropriate use of materials. Three hours of lecture per week. Prerequisites: CFDV 234 and CFDV 235 or consent of the instructor.

Prerequisite(s): (CFDV 234 and CFDV 235)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 333 Meth & Proc in Early Child Dev (3 Credits)**

Methods and Procedures in Early Childhood Development (3) Program planning, implementation, and evaluation in the early childhood setting. Observation of children in supervised setting required. Three hours of lecture per week. Prerequisites: CFDV 234 and CFDV 235 or consent of the instructor.

Prerequisite(s): (CFDV 234 and CFDV 235)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 334 Pre-Adolescent/Adolescent Dev (3 Credits)**

Pre-Adolescence and Adolescent Development (3) Study of the physical, intellectual, emotional, social, and moral development of children from pubescence through adolescence. Three hours of lecture per week. Prerequisites: CFDV 234 and CFDV 235 or consent of the instructor.

Prerequisite(s): (CFDV 234 and CFDV 235)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 335 Independent Study in Cfdev (3 Credits)**

Independent Study (3) Independent study in area of specialization. Prerequisites: Junior standing and consent of instructor.

College/School: Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 430 Special Topics in Child / Fam (3 Credits)**

Special Topics (3) Intensive study of professional interest in child development. With class designation, this course may be used up to four (4) times for a total of twelve (12) hours. Senior Project. Project hours to be determined by the instructor of record. Junior /Senior standing.

College/School: Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 431 Theories in Child Dev (3 Credits)**

Theories in Child Development (3) Survey of theories relevant to principles of learning in the cognitive, social/emotional, and physiological areas of development at the early childhood level. Observations in appropriate settings required. Three hours of lecture per week. Prerequisites: CFDV 234 and CFDV 235 or consent of the instructor.

Prerequisite(s): (CFDV 234 and CFDV 235)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CFDV 432 Children's Literature (3 Credits)**

Children's Literature (3) Analysis of children's books with emphasis on literacy and language development enhancement for children. Extensive reading of books by outstanding authors and illustrators included. Three hours of lecture per week. Prerequisite: Junior or senior standing or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci

CFDV 433 Multicultural Strategies (3 Credits)

Multicultural Strategies (3) Study of the impact of various cultures on the American system with implications for early childhood program development. Three hours of lecture per week. Prerequisites: CFDV 234 and CFDV 235 or consent of the instructor.

Prerequisite(s): (CFDV 234 and CFDV 235)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 434 Practicum I (3 Credits)

Practicum I (3) Educationally directed and supervised practical experience in an early childhood setting or family service agency. Three hours of lecture per week. Prerequisites: CFDV 234 and CFDV 235 or consent of the instructor.

Prerequisite(s): (CFDV 234 and CFDV 235)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 435 Child Nutrition (3 Credits)

Child Nutrition (3) Principles of nutrition affecting growth and development from conception through early childhood. Emphasis on menu planning, preparation, portion control, and nutritional requirements in early childhood programs. Three hours of lecture per week. Prerequisite: FN 233 or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 436 Parenting (3 Credits)

Parenting (3) Study of theoretical procedures and techniques for use in guiding the behavior and development of the child. Application of current research on parenting models utilized. Three hours of lecture per week. Prerequisites: CFDV 234 and CFDV 235 or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 437 Capstone in Child & Family Dev (3 Credits)

Capstone in Child & Family Development (3) Comprehensive study of the integrative, synergistic nature of the field of Child & Family Development from a historical, theoretical, and practical perspective. Prerequisite: Senior standing.

Prerequisite(s): (CFDV 233 and CFDV 234 and CFDV 235 and CFDV 332 and CFDV 334 and CFDV 431 and CFDV 432)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

Clothing and Textiles Courses

CT 130 Clothing Behavior (3 Credits)

Clothing Behavior (3) The psychological, sociological, and aesthetic aspects of clothing. Research project required. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 131 Basic Cloth Concepts (1 Credits)

Basic Clothing Concepts (1) Study of basic clothing construction. One hour of lecture per week. Co-requisite: CT 131L.

Prerequisite(s): CT 131L (may be taken concurrently)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 131L Basic Cloth Concepts Lab (2 Credits)

Basic Clothing Concepts Laboratory (2) Laboratory course to accompany CT 131. Four hours of laboratory per week. Co-requisite: CT 131.

Prerequisite(s): CT 131 (may be taken concurrently)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 141 Basic Clothing Concepts (4 Credits)

Basic Clothing Concepts (2) Study of basic clothing construction. Two hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 230 Costume History (3 Credits)

Costume History (3) Study of costume history and its influence on fashion.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 231 Fashion Merchandising I (3 Credits)

Fashion Merchandising I (3) Study of fashion merchandising and its influence on the fashion industry.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 232 Fashion Merchandising II (3 Credits)

Fashion Merchandising II (3) Study of fashion merchandising and its influence on the fashion industry.

Prerequisite(s): (CT 231)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 233 Textiles I (2 Credits)

Textiles I (2) Study of fiber properties, yarns, fabric structures, and finishes as related to serviceability. Two (2) hours of lecture per week. Co-requisite CT 131L.

Prerequisite(s): (CT 233L (may be taken concurrently))

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 233L Textiles I Laboratory (1 Credits)

Textiles I Laboratory (1) Laboratory course to accompany CT 233. Two (2) hours of laboratory per week. Co-requisite: CT 233.

Prerequisite(s): (CT 233 (may be taken concurrently))

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 235 Productions Patterns (3 Credits)

Productions Patterns (3) Study of clothing construction and its influence on the fashion industry.

Prerequisite(s): (CT 141 and CT 141L)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 243 Textiles I (2 Credits)

Textiles I (3) Study of fiber properties, yarns, fabric structures, and finishes as related to serviceability. Three hours of lecture per week.

Prerequisite(s): (CT 233L)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 243L Textiles I Lab (1 Credits)

Textiles I Laboratory (1) Laboratory course to accompany CT 243. Two hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 330 Prin Clothing Const (3 Credits)

Principles of Clothing Construction (3) Study of clothing construction and its influence on the fashion industry.

Prerequisite(s): (CT 141 and CT 141L)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 333 Textiles II (3 Credits)

Textiles II (3) Study of fiber properties, yarns, fabric structures, and finishes as related to serviceability.

Prerequisite(s): (CT 243 and CT 243L)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CT 333L Textiles II Lab (2 Credits)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CT 334 Prin Costume Design (3 Credits)****Prerequisite(s):** (AD 130 and AD 130L)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CT 338 Intro Field Exper (3 Credits)****College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CT 430 Retail Mgmt & Promotion (3 Credits)****Prerequisite(s):** (CT 232)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CT 432 Expermtl Clothing (3 Credits)****Prerequisite(s):** (CT 337 and CT 337L)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CT 435 Draping I (3 Credits)****Prerequisite(s):** (CT 141 and CT 141L)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**CT 461 Field Experience (6 Credits)****Prerequisite(s):** (CT 141 and CT 141L)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci

Dietetics/Food And Nutrition Courses

NUTR 116 Seminar In Nutrition and Dietetics (1 Credits)

Introduction to Dietetics and the Academy of Nutrition and Dietetics (AND), including its purpose, membership requirements, professional ethics, by-laws, and career opportunities in dietetics, food service industries, and health care facilities. One hour of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 235 Introduction to Nutrition (3 Credits)**

Introduction to essential nutrients - their food sources, physiological functions, human needs to meet nutritional requirements at different stages of the life cycle, current nutrition trends and controversies. 3 credit hour course per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 240 Introduction to Food Preparation (3 Credits)**

Introduction to selection, preparation and storage of food based on chemical and physical properties, applying food preparation techniques, understanding food components and their specific nature and behavior during preparation, evaluation of quality in food products. Course includes ServSafe Certification.

Prerequisite(s): (NUTR 235 and CHEM 231 and CHEM 211 and BIOL 246)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 335 Nutrition and Aging (3 Credits)**

"Examines nutritional needs during aging due to physiological; factors influencing food intake and nutritional status of the elderly; therapeutic diets for chronic diseases commonly found in older adults. PREQUISTISTES: NUTR 235, BIOL 136, BIOL 136L, CHEM 343, or instructor's consent. "

Prerequisite(s): (NUTR 235 and BIOL 136 and BIOL 136L and CHEM 343)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 336 Nutrition Thru Life Cycle (3 Credits)**

"Examines nutritional needs through the life cycle with emphasis on physiological, metabolic, cultural, environmental, psychosocial, genetic, and environmental factors. PREQUISTISTES: NUTR 235, BIOL 136, BIOL 136L "

Prerequisite(s): (NUTR 235 and BIOL 136 and BIOL 136L)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 337 Nutrition and Physical Activity (3 Credits)**

"Examines nutritional needs for optimum performance; physical activity and fitness. PREQUISTISTES: NUTR 235, BIOL 136, BIOL 136L, CHEM 343, or instructor's consent. "

Prerequisite(s): (NUTR 235 and BIOL 136 and BIOL 136L and CHEM 343)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 340 Experimental Food lab (3 Credits)**

Analysis of chemical and physical properties of food, study of ingredient functions and factors affecting food product quality as measured by sensory and objective methods, current practices and trends in food technology. Reseach design, data collection and analysis.

Prerequisite(s): (NUTR 240 and CHEM 231 and CHEM 211 and BIOL 246)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 350 Culture, Society and Foods (3 Credits)**

"Discusses cultural beliefs and practices; religion, food supplies, and socioeconomic status and their impact on food choices and nutritional status. PREQUISTISTES: NUTR 336, NUTR 240, PSY 131, SOC 157, BIOL 246 "

Prerequisite(s): (NUTR 336 and NUTR 240 and PSY 131 and SOC 157 and BIOL 246)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 423 Community Nutrition (3 Credits)**

"Discusses the role of nutrition in promoting, maintaining and improving health in the community; financial, legislative, political, sociological, and scientific aspects of public and community health; analytical tools, grantsmanship; role of public and private agencies in community nutrition programs; goals and trends in community nutrition. PREQUISTISTES: NUTR 336, NUTR 350 "

Prerequisite(s): (NUTR 336 and NUTR 350)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 430 Nutrition Counseling Education (2 Credits)**

"The application of principles and hands-on experience of counseling, motivational techniques, and communication skills dietetics/nutrition practice. PREQUISTISTES: NUTR 456, NUTR 450 CO-REQUISTISTES: NUTR 460, NUTR 460L "

Prerequisite(s): (NUTR 456 and NUTR 450)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci

NUTR 440 Food Production Systems (2 Credits)**Prerequisite(s):** (NUTR 240)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 440L Food Production System Lab (2 Credits)**

"The application of principles in foodservice production systems with emphasis on equipment, safe food handling, quality standards and controls, menu planning, and environmental issues. This course must be taken concurrently with NUTR 440 (Food Production Systems). PREQUISTISTES: NUTR 240, SERVSAFE certification, verification of immunization – current TB test, measles, mumps, rubella, chicken pox, H1N1 flu shot, seasonal flu shot, and hepatitis B series (are in the process of getting series). You will need to submit copy of SERVSAFE certification and immunization records to instructor to be registered for the course. This course must be taken concurrently with NUTR 440. CO-REQUISTISTES: NUTR 440 "

Prerequisite(s): (NUTR 240)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 445 Food Systems Mgmt (3 Credits)**

"Discusses management principles with emphasis on how they apply to food systems - human resources, food, equipment and facilities to provide a quality product and service to customers/clients/patients. PREQUISTISTES: NUTR 440, NUTR 440L "

Prerequisite(s): (NUTR 440 and NUTR 440L)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 450 Nutr Status Assessment Lab (2 Credits)**

"Provides training in nutrition status assessment techniques - laboratory methods for collection and interpretation of demographic, dietary, anthropometric, biochemical and clinical data. PREQUISTISTES: NUTR 456 (Advanced Nutrition I) CO-REQUISTISES: NUTR 457 (Advanced Nutrition II) "

Prerequisite(s): (NUTR 456)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 456 Advanced Nutrition I (3 Credits)****Prerequisite(s):** (NUTR 336 and BIOL 136 and BIOL 136L and CHEM 343)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 457 Advanced Nutrition II (3 Credits)**

"Examines biochemical and molecular aspects of vitamins and minerals; interrelationship of nutrients; principles of determining nutritional requirements of individuals and clinical applications. PREQUISTISTES: NUTR 456 This course requires extensive preparation and relies heavily on your previous knowledge of physiology and biochemistry. Course material will focus on integrating nutrient function into physiological and biochemical processes. CO-REQUISTISES: NUTR 450 (Nutritional Status Assessment Lab) "

NUTR 460L Medical Nutrition Therapy I Lab (1 Credits)

"The application of the Nutrition Care Process (NCP) and evidence-based practice to specific pathophysiological conditions - includes nutrition assessment, nutrition diagnosis, nutrition intervention, and nutrition monitoring and evaluation. This course must be taken concurrently with NUTR 460. PREQUISTISTES: NUTR 457, PHAR 212. This course requires extensive preparation and relies heavily on your previous knowledge of advanced nutrition, anatomy, microbiology, physiology and biochemistry. This course must be taken concurrently with NUTR 460. CO-REQUISTISTES: NUTR 460, NUTR 430 "

Prerequisite(s): (NUTR 457 and PHAR 212)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 461 Medi Nutrition Therapy II (3 Credits)**

"The application of the Nutrition Care Process (NCP) and evidence-based practice to specific pathophysiological conditions - includes nutrition assessment, nutrition diagnosis, nutrition intervention, and nutrition monitoring and evaluation. This course must be taken concurrently with NUTR 461L (Medical Nutrition Therapy Lab II). PREQUISTISTES: NUTR 460, NUTR 460L, NUTR 430. This course requires extensive preparation and relies heavily on your previous knowledge of advanced nutrition, anatomy, microbiology, physiology and biochemistry. This course must be taken concurrently with NUTR 461L. CO-REQUISTISTES: NUTR 461L "

Prerequisite(s): (NUTR 460 and NUTR 460L and NUTR 430)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 461L Medi Nutrition Theraphy II (1 Credits)**

"The application of the Nutrition Care Process (NCP) and evidence-based practice to specific pathophysiological conditions - includes nutrition assessment, nutrition diagnosis, nutrition intervention, and nutrition monitoring and evaluation. This course must be taken concurrently with NUTR 461 (Medical Nutrition Therapy II). PREQUISTISTES: NUTR 460, NUTR 460L, NUTR 430. This course requires extensive preparation and relies heavily on your previous knowledge of advanced nutrition, anatomy, microbiology, physiology and biochemistry. This course must be taken concurrently with NUTR 461. CO-REQUISTISTES: NUTR 461

Prerequisite(s): (NUTR 460 (may be taken concurrently) and NUTR 460L and NUTR 430)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci**NUTR 490 CapstoneSeminar (1 Credits)**

"The discussion of current and emerging health and nutrition related issues. PREQUISTISTES: NUTR 460, NUTR 460L, senior standing status. CO-REQUISTISTES: NUTR 461, NUTR 461L "

Prerequisite(s): (NUTR 460 and NUTR 460L)**College/School:** Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci

Human Services and Consumer Science Courses

HSCS 233 Sem in Hum Serv & Con Sci (3 Credits)

Human Physio-Psychosocial Well Being (3) Application of interdisciplinary concepts contributing to the physiological, psychosocial, intellectual development, and well-being of individuals and families. Discussion of the decision-making process relative to these concepts.

Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Human Serv & Consumer Sci

HSCS 430 Research Methods (3 Credits)

Research in Human Services and Consumer Sciences (3) Senior project and intensive study in student's area of specialization and interest. Three hours of lecture per week. Prerequisites: Senior standing and consent of the instructor.

Prerequisite(s): (HSCS 233)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

HSCS 437 Statistics (3 Credits)

Statistics (3) Survey of descriptive and inferential statistical techniques. Emphasis on understanding and interpreting statistical concepts used in research. Three hours of lecture per week. Prerequisite: Advanced senior standing or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

Family and Consumer Sciences Courses

FCS 334 Career Opprtunities (3 Credits)

Career Opportunities in Family and Consumer Sciences (3) Survey of current professional opportunities and preparation for the job search process. Overview of the transition from a student to professional role. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 335 Priniples of Family Consumer (3 Credits)

Principles of Family and Consumer Sciences (3) Study and evaluation of the ethical principles related to the fi eld of family and consumer sciences. May be used for family life certifi cation. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 411 IND STUDY IN FAM & CONS SCI (1 Credits)

Independent Study in Family and Consumer Sciences (1) Independent study in an area of specialization.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 420 IND STUDY IN FAM & CONS SCI (2 Credits)

Independent Study in Family and Consumer Sciences (2) Independent study in an area of specialization.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 430 Special Topics (3 Credits)

Special Topics (3) Intensive study of professional interest in family & consumer sciences. With class designation, this course may be used up to four (4) times for a total of twelve (12) hours. Prerequisites: Junior Senior status or consent of instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 431 Aging & Health Needs* (3 Credits)

Aging and Health Needs (3) Analysis of specifi c programs and services impacting the needs of an aging population, including health care, health care management, consumer issues, public policies, and familial relations.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 432 Program Planning and Methodology (3 Credits)

Program Planning and Methodology in Human Services and Consumer Sciences (3) Methods and procedures for planning, developing, and implementing programs in Human Services & Consumer Sciences. Three hours of lecture per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

FCS 433 Methods of Teaching FCS (3 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 434 Occu Prog & Public Policy (3 Credits)

Occupational Programs Public Policy (3) Planning and implementing programs in occupational family sciences. Study and evaluation of selected legislation and public policy related to family science and its impact of families. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 435 Communication: Fam & Marriage* (3 Credits)

Communication: Family and Marriage (3) Personal and professional growth and development through more effective communication within the family milieu and the marital unit. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 436 Consumer Resource Mgt (3 Credits)

Family Resource Management (3) Study of attitudes, concepts, skills, and understanding of consumers which contribute to their satisfaction in the choice of goods and services. Three hours of lecture per week.

Prerequisite: HSCS 233.

Prerequisite(s): HSCS 233

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 437 Capstone in FCS (3 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 438 Fam & Conumer Economics (3 Credits)

Study of consumer management principles and income distribution patterns relative to time and money use decision by the family. Three hours of lecture per week. Prerequisite: HSCS 233.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 439 Family & Com Services (1 Credits)

Utilization of family and consumer sciences perspectives in family service agencies within government, public, and private sectors. One hour of lecture per week. Prerequisite: HSCS 233 and FCS 436.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 439L Family & Comm Serv Lab (2 Credits)

Practicum to accompany FCS 439. Four hours per week. Prerequisites: HSCS 233 and FCS 436.

Prerequisite(s): (HSCS 233 and FCS 436)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 440 SEMINAR IN HUMAN DEVELOPMENT (3 Credits)

Independent study in area of specialization.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 441 CAPSTONE FAM & CONSUMER SC (3 Credits)

Comprehensive study of the integrative, synergistic nature of the field of family sciences from a historical, theoretical, and practical perspective. The Senior Exit Examination also administered. Prerequisite: SeniorStatus.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

Human Services and Consumer Sciences (Child and Family Development Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 198)	42
	Major Requirements (p. 198)	44
	Other Requirements (p. 198)	34
	Minors (p. 198)	0
	Total Hours	120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
or THEA 130	Introduction to Theatre	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
or SOC 157	Introduction To Sociology	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3

or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Child and Family Development)

Code	Title	Hours
CFDV 233	Family Relationships	3
CFDV 234	Survey Early Childhood Dev	3
CFDV 235	Interaction with Young Childrn	3
& 235L	and Interact with Young Child Lab	
CFDV 331	Methods in Child Study	3
CFDV 332	Children's Play Dev and Role	3
CFDV 333	Meth & Proc in Early Child Dev	3
CFDV 334	Pre-Adolescent/Adolescent Dev	3
CFDV 431	Theories in Child Dev	3
CFDV 432	Children's Literature	3
CFDV 433	Multicultural Strategies	3
CFDV 434	Practicum I	3
CFDV 435	Child Nutrition	3
CFDV 436	Parenting	3
CFDV 437	Capstone in Child & Family Dev	3
	Elective 3XX or 4XX	3
Total Hours		45

Other Requirements

Code	Title	Hours
AD 130	Environmental Design	3
& 130L	and Environ Design Lab	
CT 130	Clothing Behavior	3
MATH 134	Plane Trigonometry	3
NUTR 235	Introduction to Nutrition	3
HSCS 233	Sem in Hum Serv & Con Sci	3
MUSI 347	Basic Music Procedures	3
or MUSI 339	Music For Young Children	
FR 131	Elementary French I	3
or SPAN 131	Elementary Spanish I	
SPED 309	Survey Exceptional Education I	3
FCS 436	Consumer Resource Mgt	3
HSCS 430	Research Methods	3
	Elective 3XX or 4XX	3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		34

Minor Requirements

No Minor Required.

Course	Title	Hours
First Year		
First Semester		
MATH 133	College Algebra	3
AD 130 & 130L	Environmental Design and Environ Design Lab	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
HSCS 233	Sem in Hum Serv & Con Sci	3
ENG 131	Freshman English I	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
BIOL 143	Survey of Life Science	3
CFDV 233	Family Relationships	3
CT 130	Clothing Behavior	3
MATH 134	Plane Trigonometry	3
Hours		15
Second Year		
Third Semester		
NUTR 235	Introduction to Nutrition	3
GEOL 141	Introduction To The Earth	3
ENG 2XX		3
CFDV 234	Survey Early Childhood Dev	3
HIST 231	Soc & Pol Hist US to 1877	3
Hours		15
Fourth Semester		
PSY 131	General Psychology	3
CS 116	Intro To Compr Science I	3
MUSI 239	Fine Arts In Daily Living	3
CFDV 235 & 235L	Interaction with Young Childrn and Interact with Young Child Lab	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		15
Third Year		
Fifth Semester		
CFDV 331	Methods in Child Study	3
CFDV 333	Meth & Proc in Early Child Dev	3
MUSI 347 or MUSI 339	Basic Music Procedures or Music For Young Children	3
POLS 235	American Government	3
CFDV 334	Pre-Adolescent/Adolescent Dev	3
Hours		15
Sixth Semester		
CFDV 332	Children's Play Dev and Role	3
CFDV 432	Children's Literature	3
POLS 236	Texas Government	3
FR 131 or SPAN 131	Elementary French I or Elementary Spanish I	3
SPED 309	Survey Exceptional Education I	3
Hours		15

Fourth Year		
Seventh Semester		
Elective 3XX or 4XX		3
CFDV 431	Theories in Child Dev	3
CFDV 433	Multicultural Strategies	3
CFDV 436	Parenting	3
FCS 436	Consumer Resource Mgt	3
Hours		15
Eighth Semester		
CFDV 434	Practicum I	3
CFDV 435	Child Nutrition	3
CFDV 437	Capstone in Child & Family Dev	3
HSCS 430	Research Methods	3
Elective 3XX or 4XX		3
Hours		15
Total Hours		121

Human Services and Consumer Sciences (Dietetics Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 199)		42
Major Requirements (p. 200)		51
Other Requirements (p. 200)		27
Minors (p. 200)		0
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
Language, Philosophy, and Culture		
ENG 2XX		3
Creative Arts		
MUSI 239 or THEA 130	Fine Arts In Daily Living or Introduction to Theatre	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3

HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 136	PUBLIC ADDRESS	3
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ All DPD students must be advised by the Director of Dietetics prior to registering for NUTR 300 and 400 level courses.

Major (Dietetics)

Code	Title	Hours
NUTR 116	Seminar In Nutrition and Dietetics	1
NUTR 235	Introduction to Nutrition	3
NUTR 240	Introduction to Food Preparation	3
NUTR 335	Nutrition and Aging	3
NUTR 336	Nutrition Thru Life Cycle	3
NUTR 337	Nutrition and Physical Activity	3
NUTR 340	Experimental Food lab	3
NUTR 350	Culture, Society and Foods	3
NUTR 423	Community Nutrition	3
NUTR 430	Nutrition Counseling Education	2
NUTR 440	Food Production Systems	2
NUTR 440L	Food Production System Lab	2
NUTR 445	Food Systems Mgmt	3
NUTR 450	Nutr Status Assessment Lab	2
NUTR 456	Advanced Nutrition I	3
NUTR 457	Advanced Nutrition II	3
NUTR 460	Medical Nutrition Therapy I	3
NUTR 460L	Medical Nutrition Therapy I Lab	1
NUTR 461	Medi Nutrition Therapy II	3
NUTR 461L	Medi Nutrition Therapy II Lab	1
NUTR 490	Capstone Seminar	1
Total Hours		51

Other Requirements

Code	Title	Hours
BIOL 135	Human Anat & Phys I	3
BIOL 135L	Human Anat Physiol Pre-Nur Lab	1
BIOL 136	Human Anat & Phys II	3
BIOL 136L	Hum Anat Phys Lab	1
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1
BIOL 246	Microbiol Hlth Rel Professions	4
CHEM 343	Biochemistry	3

MATH 231	Elementary Statistics	3
PHAR 212	Medical Terminology	1
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		26

Minor Requirements

No Minor Required.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
BIOL 135	Human Anat & Phys I	3
BIOL 135L	Human Anat Physiol Pre-Nur Lab	1
FS 102	Freshman Seminar/ first Year Experience	1

Hours **15**

Second Semester

ENG 132	Freshman English II	3
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
NUTR 116	Seminar In Nutrition and Dietetics	1
BIOL 136	Human Anat & Phys II	3
BIOL 136L	Hum Anat Phys Lab	1
MUSI 239	Fine Arts In Daily Living	3

Hours **15**

Second Year

Third Semester

POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX		3
NUTR 235	Introduction to Nutrition	3
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1

Hours **16**

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
BIOL 246	Microbiol Hlth Rel Professions	4
COMM 136	PUBLIC ADDRESS	3
PSY 131	General Psychology	3

Hours **16**

Third Year

Fifth Semester

NUTR 336	Nutrition Thru Life Cycle	3
NUTR 240	Introduction to Food Preparation	3
"CHEM 343	Biochemistry"	4
MATH 231	Elementary Statistics	3
CS 116	Intro To Compr Science I	3

Hours **16**

Sixth Semester

NUTR 456	Advanced Nutrition I	3
NUTR 457	Advanced Nutrition II	3
NUTR 350	Culture, Society and Foods	3
NUTR 340	Experimental Food lab	3
NUTR 450	Nutr Status Assessment Lab	2
PHAR 212	Medical Terminology	1
Hours		15

Fourth Year**Seventh Semester**

NUTR 460	Medical Nutrition Therapy I	3
NUTR 460L	Medical Nutrition Therapy I Lab	1
NUTR 423	Community Nutrition	3
NUTR 440	Food Production Systems	2
NUTR 440L	Food Production System Lab	2
NUTR 430	Nutrition Counseling Education	2
Hours		13

Fifth Year**Eighth Semester**

NUTR 461	Medi Nutrition Therapy II	3
NUTR 461L	Medi Nutrition Therapy II Lab	1
NUTR 445	Food Systems Mgmt	3
NUTR 337	Nutrition and Physical Activity	3
NUTR 490	Capstone Seminar	1
NUTR 335	Nutrition and Aging	3
Hours		14
Total Hours		120

Human Services and Consumer Sciences (Food and Nutrition Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 201)		42
Major Requirements (p. 201)		50
Other Requirements (p. 202)		28
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3

MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	

Life and Physical Sciences

CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3

Language, Philosophy, and Culture

ENG 2XX		3
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Creative Arts

MUSI 239	Fine Arts In Daily Living	3
or THEA 130	Introduction to Theatre	

American History

HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3

Government/Political Science

POLS 235	American Government	3
POLS 236	Texas Government	3

Social and Behavioral Sciences

SOC 157	Introduction To Sociology	3
or PSY 131	General Psychology	

Institutional Options

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3

Total Hours **42**

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Major (Food and Nutrition)

Code	Title	Hours
NUTR 116	Seminar In Nutrition and Dietetics	1
NUTR 235	Introduction to Nutrition	3
NUTR 240	Introduction to Food Preparation	3
NUTR 335	Nutrition and Aging	3
NUTR 336	Nutrition Thru Life Cycle	3
NUTR 340	Experimental Food lab	3
NUTR 350	Culture, Society and Foods	3
NUTR 423	Community Nutrition	3
NUTR 440	Food Production Systems	2
NUTR 440L	Food Production System Lab	2
NUTR 445	Food Systems Mgmt	3
ACCT 231	Principles Of Accounting I	3
MGMT 300	Principles of Management	3
FN 341	Mgmt Prins Food Serv Systems	4
FN 333	Diet Therapy For Helth Profs	3
ACCT 232	Principles of Accounting II	3
MGMT 301	Foundations of Human Res Mgmt	3
HSCS 437	Statistics	2

or FN 427	Independent Study in Dietetics	
Total Hours		50

Other Requirements

Code	Title	Hours
BIOL 131	Biological Science I	3
or BIOL 135	Human Anat & Phys I	
BIOL 246	Microbiol Hlth Rel Professions	4
ECON 131	Introductory Economics	3
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
HSCS 233	Sem in Hum Serv & Con Sci	3
HSCS 430	Research Methods	3
FCS 436	Consumer Resource Mgt	3
Elective		3
Elective		3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		28

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following: 3		
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
NUTR 116	Seminar In Nutrition and Dietetics	1
NUTR 235	Introduction to Nutrition	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
HIST 231	Soc & Pol Hist US to 1877	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		17

Second Semester		
ENG 132	Freshman English II	3
SOC 157	Introduction To Sociology	3
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
HIST 232	Soc & Pol Hist US Since 1877	3
MUSI 239	Fine Arts In Daily Living	3
or THEA 130	or Introduction to Theatre	
Hours		16

Second Year		
Third Semester		
POLS 235	American Government	3
HSCS 233	Sem in Hum Serv & Con Sci	3
CS 116	Intro To Compr Science I	3
NUTR 240	Introduction to Food Preparation	3
CHEM 132	Chemistry II	3

CHEM 112	Chemistry II Lab	1
Hours		16

Fourth Semester		
POLS 236	Texas Government	3
ENG 2XX		3
NUTR 336	Nutrition Thru Life Cycle	3
BIOL 131	Biological Science I	3
BIOL 246	Microbiol Hlth Rel Professions	4
Hours		16

Third Year		
Fifth Semester		
ACCT 231	Principles Of Accounting I	3
MGMT 300	Principles of Management	3
FN 341	Mgmt Prins Food Serv Systems	4
FN 333	Diet Therapy For Helth Profs	3
ECON 131	Introductory Economics	3
Hours		16

Sixth Semester		
ACCT 232	Principles of Accounting II	3
MGMT 301	Foundations of Human Res Mgmt	3
NUTR 350	Culture, Society and Foods	3
NUTR 335	Nutrition and Aging	3
NUTR 445	Food Systems Mgmt	3
Hours		15

Fourth Year		
Seventh Semester		
NUTR 423	Community Nutrition	3
HSCS 430	Research Methods	3
FCS 436	Consumer Resource Mgt	3
Elective		3
Hours		12

Eighth Semester		
NUTR 340	Experimental Food lab	3
HSCS 437	Statistics	2
or FN 427	or Independent Study in Dietetics	
NUTR 440	Food Production Systems	2
NUTR 440L	Food Production System Lab	2
Elective		3
Hours		12
Total Hours		120

Human Services and Consumer Sciences Family and Consumer Sciences Concentration Certification, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 203)	42
	Major Requirements (p. 203)	20
	Other Requirements (p. 203)	31
	Certification (p. 203)	27
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
or THEA 130	Introduction to Theatre	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
or SOC 157	Introduction To Sociology	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
EDCI 210	Ins Tec ⁴	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ Courses in bold are required for students with focus in Human Development and Family Studies with Certification

Major Requirements

Code	Title	Hours
HSCS 233	Sem in Hum Serv & Con Sci	3
FCS 334	Career Opprtunities	3

FCS 431	Aging & Health Needs*	3
FCS 433	Methods of Teaching FCS	3
or FCS 440	SEMINAR IN HUMAN DEVELOPMENT	
FCS 436	Consumer Resource Mgt	3
FCS 437	Capstone in FCS	3
FCS 438	Fam & Conumer Economics	3
or FCS 435	Communication: Fam & Marriage*	
Total Hours		21

Other Requirements

Code	Title	Hours
Select one of the following: ¹		3
AD 130	Environmental Design	
& 130L	and Environ Design Lab	
AD 131	Intro To Housing	
& 131L	and Intro To Housing Lab	
AD 435	Interior Space & Equipment Pln ²	3
or FCS 432	Program Planning and Methodology	
CFDV 233	Family Relationships	3
CFDV 234	Survey Early Childhood Dev	3
CFDV 436	Parenting	3
Select one of the following:		3
CT 131	Basic Cloth Concepts	
& 131L	and Basic Cloth Concepts Lab	
CT 130	Clothing Behavior	
FCS 434	Occu Prog & Public Policy	
NUTR 235	Introduction to Nutrition	3
NUTR 240	Introduction to Food Preparation ³	3
or CFDV 334	Pre-Adolescent/Adolescent Dev	
HED 477	Human Sexuality	3
SPED 309	Survey Exceptional Education I	3
or SPED 370	Survey Exceptional EducationII	
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		31

¹ Courses in bold are required for students with focus in Human Development and Family Studies with Certification

Certification Program

Code	Title	Hours
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 339	Classrm Mngt	3
EDCI 340	Ins Tec II	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 464	DIR STU TCH HS	6
RDG 400	Con Are Rdg	3
RDG 401	Div Pop	3
Total Hours		27

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
HSCS 233	Sem in Hum Serv & Con Sci	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MUSI 239 or THEA 130	Fine Arts In Daily Living or Introduction to Theatre	3
GEOL 141	Introduction To The Earth	3
PSY 131 or SOC 157	General Psychology or Introduction To Sociology	3
CFDV 233	Family Relationships	3
Hours		15
Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX		3
FCS 334	Career Opprtunities	3
CFDV 234	Survey Early Childhood Dev	3
Hours		15
Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
EDCI 210	Ins Tec	3
NUTR 235	Introduction to Nutrition	3
Select one of the following:		3
AD 130 & 130L	Environmental Design and Environ Design Lab	
AD 131 & 131L	Intro To Housing and Intro To Housing Lab	
CFDV 235 & 235L	Interaction with Young Childrn and Interact with Young Child Lab ¹	
Hours		15
Third Year		
Fifth Semester		
NUTR 240 or CFDV 334	Introduction to Food Preparation ¹ or Pre-Adolescent/Adolescent Dev	3
FCS 431	Aging & Health Needs*	3
EDCI 339	Classrm Mngt	3
EDCI 310	Field Based I Perf Focus Tchng	3
AD 435 or FCS 432	Interior Space & Equipment Pln ¹ or Program Planning and Methodology	3
Hours		15

Sixth Semester		
SPED 309 or SPED 370	Survey Exceptional Education I or Survey Exceptional EducationII	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 340	Ins Tec II	3
EDCI 350	Desgng & Implg Inst/Assessment	3
Select one of the following:		3
CT 131 & 131L	Basic Cloth Concepts and Basic Cloth Concepts Lab ¹	
CT 130	Clothing Behavior	
FCS 434	Occu Prog & Public Policy	
Hours		15
Fourth Year		
Seventh Semester		
HED 477	Human Sexuality	3
RDG 400	Con Are Rdg	3
RDG 401	Div Pop	3
FCS 438 or FCS 435	Fam & Conumer Economics or Communication: Fam & Marriage*	3
FCS 433 or FCS 440	Methods of Teaching FCS or SEMINAR IN HUMAN DEVELOPMENT	3
Hours		15
Eighth Semester		
EDCI 464	DIR STU TCH HS	6
"FCS 437	Capstone in FCS"	2
CFDV 436	Parenting	3
FCS 436	Consumer Resource Mgt	3
Hours		14
Total Hours		120

¹ Courses required for students with focus in Human Development and Family Studies with Certification

Human Services and Consumer Sciences Family Consumer Sciences Family and Consumer Sciences Concentration (Without Certification), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 205)		42
Major Requirements (p. 205)		35
Other Requirements (p. 205)		43
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
or THEA 130	Introduction to Theatre	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
or SOC 157	Introduction To Sociology	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Family and Consumer Sciences)

Code	Title	Hours
HSCS 233	Sem in Hum Serv & Con Sci	3
FCS 334	Career Opprtunities	3
FCS 335	Principles of Family Consumer	3
HSCS 430	Research Methods	3
FCS 431	Aging & Health Needs*	3
FCS 432	Program Planning and Methodology	3
FCS 434	Occu Prog & Public Policy	3
FCS 435	Communication: Fam & Marriage*	3
FCS 436	Consumer Resource Mgt	3
FCS 437	Capstone in FCS	3
FCS 438	Fam & Conumer Economics	3

FCS 439 & 439L	Family & Com Services and Family & Comm Serv Lab	3
Total Hours		36

Other Requirements

Code	Title	Hours
Select one of the following:		
AD 130 & 130L	Environmental Design and Environ Design Lab	
AD 131 & 131L	Intro To Housing and Intro To Housing Lab	
AD 435	Interior Space & Equipment Pln	1
CFDV 233	Family Relationships	3
CFDV 234	Survey Early Childhood Dev	3
CFDV 235 & 235L	Interaction with Young Childrn and Interact with Young Child Lab	3
CFDV 334	Pre-Adolescent/Adolescent Dev	3
CFDV 433	Multicultural Strategies	3
CFDV 436	Parenting	3
CT 131 & 131L	Basic Cloth Concepts and Basic Cloth Concepts Lab	3
or CT 130	Clothing Behavior	
CT 233 & 233L	Textiles I and Textiles I Laboratory	3
NUTR 235	Introduction to Nutrition	3
NUTR 240	Introduction to Food Preparation	3
HED 477	Human Sexuality	3
SPED 309	Survey Exceptional Education I	3
or SPED 370	Survey Exceptional EducationII	
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		41

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
HSCS 233	Sem in Hum Serv & Con Sci	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MUSI 239 or THEA 130	Fine Arts In Daily Living or Introduction to Theatre	3
GEOL 141	Introduction To The Earth	3
PSY 131 or SOC 157	General Psychology or Introduction To Sociology	3
CFDV 233	Family Relationships	3
Hours		15

Second Year**Third Semester**

POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX		3
FCS 334	Career Opprtunities	3
CFDV 234	Survey Early Childhood Dev	3
Hours		15

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
CS 116	Intro To Compr Science I	3
FCS 335	Priniples of Family Consumer	3
CFDV 235 or CFDV 235L	Interaction with Young Childrn or Interact with Young Child Lab	3
Hours		15

Third Year**Fifth Semester**

FCS 431	Aging & Health Needs*	3
FCS 432	Program Planning and Methodology	3
NUTR 235	Introduction to Nutrition	3
CFDV 334	Pre-Adolescent/Adolescent Dev	3
CT 131 & 131L	Basic Cloth Concepts and Basic Cloth Concepts Lab	3
Hours		15

Sixth Semester

FCS 434	Occu Prog & Public Policy	3
AD 435	Interior Space & Equip Planning	3
SPED 309 or SPED 370	Survey Exceptional Education I or Survey Exceptional EducationII	3
CT 233 & 233L	Textiles I and Textiles I Laboratory	3
AD 130 & 130L	Environmental Design and Environ Design Lab	3
Hours		15

Fourth Year**Seventh Semester**

NUTR 240	Introduction to Food Preparation	3
CFDV 433	Multicultural Strategies	3
HED 477	Human Sexuality	3
FCS 436	Consumer Resource Mgt	3
FCS 438	Fam & Conumer Economics	3
Hours		15

Eighth Semester

"FCS 437	Capstone in FCS"	2
CFDV 436	Parenting	3
FCS 439 & 439L	Family & Com Services and Family & Comm Serv Lab	3
HSCS 430	Research Methods	3
FCS 435	Communication: Fam & Marriage*	3
Hours		14

Total Hours	120
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Human Services and Consumer Sciences Minor

Students interested in pursuing a minor through the Department of Human Services and Consumer Sciences have the option of choosing one of three concentrations: Child and Family Development, Family and Consumer Sciences, and Food and Nutrition. The minor is comprised of 21 credit hours in courses from the specific concentration area.

Only grades of "C" or better are accepted as fulfilling requirements for both the major and minor programs in HSCS.

For the Child and Family Development concentration toward the minor in Human Services and Consumer Sciences, the following courses, totaling 21 semester credit hours, are required with the grade restrictions referenced above:

Code	Title	Hours
CFDV 233	Family Relationships	3
CFDV 234	Survey Early Childhood Dev	3
CFDV 235/235L	Interaction with Young Childrn	3
CFDV 333	Meth & Proc in Early Child Dev	3
CFDV 432	Children's Literature	3
Additional CFDV restricted elective credits at the 300-level and 400-level		6

For the Composite Family and Consumer Sciences concentration toward the minor in Human Services and Consumer Sciences, the following courses, totaling 21 semester credit hours, are required with the grade restrictions referenced above:

Code	Title	Hours
CFDV 233	Family Relationships	3
CT 130	Clothing Behavior	3
NUTR 235	Introduction to Nutrition	3
HSCS 233	Sem in Hum Serv & Con Sci	3
FCS 436	Consumer Resource Mgt	3
Additional HSCS, CFDV, CT or in elective credits at the 300-level or 400-level		6

For the Food and Nutrition concentration toward the minor in Human Services and Consumer Sciences, the following courses, totaling 21 semester credit hours, are required with the grade restrictions referenced above:

Code	Title	Hours
NUTR 235	Introduction to Nutrition	3
NUTR 240	Introduction to Food Preparation	3
NUTR 336	Nutrition Thru Life Cycle	3
Additional restricted elective credits at the 300-level or 400-level		12

To ensure quality instruction and outcome competencies, course sequence restrictions will be observed for all HSCS minors.

The University reserves the right to change any policy, fees or requirement at any time that students are enrolled. Courses are also subject to change.

Department of Music

Undergraduate Degree(s):

- Bachelor of Arts in Music (Composition Concentration) (p. 223)
- Bachelor of Arts in Music (Jazz Performance) (p. 225)
- Bachelor of Arts in Music (Performance Concentration) (p. 227)
- Bachelor of Arts in Music (Teacher Certification) (p. 230)
- Bachelor of Arts in Music (with Minor) (p. 232)

Minor(s):

- Jazz Studies (p. 223)
- Music (p. 234)

The mission of the Department of Music is to accept students at their level of expertise and provide them with the academic and professional musical training to help them find their relevance on the urban and global stage. This is achieved through curricular offerings designed to lay a strong musical foundation in preparation for a diverse array of music careers including performers, conductors, composers, church musicians, school or private studio educators, music industry professionals, and for graduate/advanced studies in a variety of areas.

The Department of Music is housed in the Rollins- Stewart Music Center and the Rhinehart Music Auditorium with the main departmental office on the first floor of the Rollins-Stewart Music Center in Room 112.

For the B.A. degree in Music, students may select from four curriculum concentrations of study: Performance, Composition, Teacher Certification or Jazz Studies. In lieu of a concentration, students may elect to complete a minor in an area outside of music in addition to the core music content hours. Before students are admitted as music majors, they must first be admitted by the University and satisfy Texas Success Initiative (TSI) requirements after which they may petition the Department for an audition and placement examinations which are necessary for acceptance as a music major. Within each area of concentration, students must also choose an area of emphasis either instrumental, voice, or keyboard. Once accepted, students will be assigned a faculty advisor based on their area of emphasis. Further admission and graduation requirements for the Department are considered below.

1. All students must complete courses designated as either major or minor courses with grades of "C" or better. Grades of "C-"are unacceptable.
2. Individuals interested in seeking certification for teaching in the public schools of Texas in academic disciplines offered through the Department of Music should contact the **Department of Curriculum and Instruction** in the College of Education at Texas Southern University for application instructions.
3. Students pursuing teacher certification must complete the following music content courses with grades of "B" or better:

Code	Title	Hours
MUSI 223	Brass & Percussion	2
MUSI 224	Woodwind Instruments	2
MUSI 225	String Instrument	2
MUSI 328	Instrumental Techniques	2
MUSI 329	Teaching Music In Elem Class	3
MUSI 333	Form & Analysis	3
MUSI 337	History Of Music I	3

or MUSI 338	History Of Music II	
MUSI 431	Conducting Fundamentals	3
MUSI 435	Teaching Music Secondary Class	3

4. All music majors are required to take a freshman and gateway assessment jury at the conclusion of their second and fourth semesters of applied music (MUSA 122 Applied Music and MUSA 222 Applied Music/MUSA 232 Applied Music).
5. All freshmen music majors will enroll in MUSA 121 Applied Music and MUSA 122 Applied Music during their first two semesters of applied music regardless of their intended concentration. The results of the freshman assessment jury will determine their qualifying areas of concentration.
6. An exit examination is required of all graduating seniors.

Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience with any college level course to complete the total credit hours required for graduation by their degree plan.

Students interested in pursuing a minor in music must first consult with the Department for assessment and to be assigned a faculty advisor.

For the minor in Music, click here. (p. 234)

For the minor in Jazz Studies, click here (p. 223).

The Department offers eight performing groups. These groups are open to all university students and require enrollment for credit. These groups include: University Marching Band, University Concert Band, Jazz Combo, Jazz Big Band, Vocal Jazz, University Choir, Concert Choir, and the Opera Workshop. Interested students should contact the Department Office for additional information.

In summary, interested students must first gain admission to the University, must meet their TSI responsibility, and must adhere to admission and graduation requirements specified in this section. Students are each assigned an official advisor and provided with extensive advisement upon admission to the Department to ensure proper progression toward graduation. An exit examination is required of graduating seniors. For additional information, students should contact the Department Office at (713)313-7337.

- Jazz Studies Minor (p. 223)
- Music (Composition Concentration), Bachelor of Arts (p. 223)
- Music (Jazz Performance), Bachelor of Arts (p. 225)
- Music (Performance Concentration), Bachelor of Arts (p. 227)
- Music (Teacher Certification), Bachelor of Arts (p. 230)
- Music (with Minor), Bachelor of Arts (p. 232)
- Music Minor (p. 234)

Music Courses

MUSI 100 Seminar I (1 Credits)

Seminar I (0-1) Introductory course for majors which provides enrichment through the art of performing. May be repeated for up to three semester credits earned. During freshman and sophomore years of enrollment, counted as 0 credit; during junior and senior years of enrollment, counted as 1 semester credit. One hour of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 102 Seminar III (1 Credits)**College/School:** Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 131 Introduction To Music (3 Credits)**

Introduction to Music (3) Survey of basic materials and the fundamentals of music. Open to all students, and required of majors. Students may test out. Three hours of lecture per week. Listed as MUSI 1301 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 132 Intro To Computer Music (3 Credits)**

Introduction to Computer Music (3) Introductory survey of computers and computer peripherals as used in various musical disciplines, including the fundamentals of computer literacy and music software applications. Three hours of lecture per week. Prerequisite: MUSI 131 or consent of the instructor. Listed as MUSI 1302 in the Texas Common Course Numbering System.

Prerequisite(s): MUSI 131**College/School:** Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 136 Music Appreciation (3 Credits)**

Music Appreciation (3) Understanding traditional Western Classical music through study of the cultural periods, major composers and their works. A brief overview of musical styles from other world cultures will also be included. Illustrations of music examples will be presented through recordings, in-class performances and outside concert events. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 141 Theory I (2 Credits)**

Theory I (3) Music theory, including basic musicianship, correlating diction, sight-singing, written and keyboard diatonic harmony, and harmonic analysis. Two hours of lecture and two hours of laboratory per week. Prerequisite: MUSI 131 or passage of Theory Exam. Listed as MUSI 1311 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 142 Theory II (2 Credits)**

Theory II (3) Continuation of MUSI 141. Two hours of lecture and two hours of laboratory per week. Prerequisite: MUSI 141. Listed as MUSI 1312 in the Texas Common Course Numbering System.

Prerequisite(s): (MUSI 141 and MUSI 146)**College/School:** Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 146 Ear Training/Sight Singing I (1 Credits)**

Ear Training and Sight Singing I (1) An aural skills course, to be taken concurrently with music theory. Includes ear training, sight singing and dictation. One hour of lecture and one hour of laboratory per week. Corequisite: MUSI 141. Listed as MUSI 1116 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 147 Ear Training/Sight Singing II (1 Credits)**

Ear Training and Sight Singing II (1) Continuation of MUSI 146, to be taken concurrently with music theory. One hour of lecture and one hour of laboratory per week. Prerequisites: MUSI 141 and MUSI 146. Corequisite: MUSI 142. Listed as MUSI 1117 in the Texas Common Course Numbering System.

Prerequisite(s): (MUSI 141 and MUSI 146)**College/School:** Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 150 Composition I (2 Credits)**

Composition I (2) Individual study of the techniques of vocal, instrumental, and electronic music composition in various styles. One hour of laboratory/private lessons per week. Prerequisite: Consent of the instructor. Listed as MUSI 1386 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 151 Composition II (2 Credits)**

Composition II (2) Continuation of MUSI 150. One hour of laboratory/private lessons per week. Prerequisite: MUSI 150. Listed as MUSI 2386 in the Texas Common Course Numbering System.

Prerequisite(s): MUSI 150**College/School:** Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 171 Class Piano I (1 Credits)**

Class Piano I (1) Study of keyboard functional skills such as harmonization, sight reading, improvisation, and transposition and how they relate to general musicianship. May be substituted for MUSA 111 when specified for the piano. Two hours of laboratory per week. Listed as MUSI 1181 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 172 Class Piano II (1 Credits)**

Class Piano II (1) Continuation of MUSI 171. May be substituted for MUSA 112 when specified for the piano. Two hours of laboratory per week. Prerequisite: MUSI 171. Listed as MUSI 1182 in the Texas Common Course Numbering System.

Prerequisite(s): MUSI 171**College/School:** Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 173 Voice Class I (1 Credits)**

Voice Class I (1) Designed to teach the fundamental skills of tone production, breathing, posture, and to enhance the repertory by teaching simple songs in the classroom. Two hours of laboratory per week. Listed as MUSI 1183 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie**Department:** Department of Music**MUSI 174 Class Voice II (1 Credits)**

Voice Class II (1) Continuation of MUSI 173. Two hours of laboratory per week. Prerequisite: MUSI 173. Listed as MUSI 1184 in the Texas Common Course Numbering System.

Prerequisite(s): MUSI 173**College/School:** Liberal Arts & Behavioral Scie**Department:** Department of Music

MUSI 223 Brass & Percussion (2 Credits)

Brass and Percussion (2) Practical performance course for majors, including principles of intonation, fingering, breathing, embouchure, transposition, sticking, and rudiments. Elementary proficiency on brass and percussion instruments taught. Offered during odd-numbered years only. Two hours of lecture and one hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 224 Woodwind Instruments (2 Credits)

Woodwind Instruments (2) Study of basic performance of woodwind instruments, including the concepts and procedures for woodwind instruction. Offered during even-numbered years only. Two hours of lecture and one hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 225 String Instrument (2 Credits)

String Instruments (2) Instruction in performing, teaching, and scoring for violin, viola, cello, and string bass. Organization, program planning, and terminology emphasized. Two hours of lecture and one hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 228 Jazz Improvisation I (2 Credits)

Jazz Improvisation I (2) Basic techniques of improvisation of various styles, historical developments, and contributions. Two hours of lecture per week. Prerequisites: MUSI 141 and MUSI 142.

Prerequisite(s): (MUSI 141 and MUSI 146 and MUSI 142 and MUSI 147)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 229 Jazz Improvisation II (2 Credits)

Jazz Improvisation II (2) Continuation of MUSI 228. Prerequisite: MUSI 228.

Prerequisite(s): MUSI 228

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 235 African American Women in Music: 1865-Present (2-3 Credits)

This course will explore the history of African American women in music (19th century to present-day) and their influence on social, political, cultural, and economic perceptions and change. Variable credit hour course 2-3 credit hours per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 239 Fine Arts In Daily Living (3 Credits)

Fine Arts in Daily Living (3) Study of art, music, drama, and dance with emphasis on the interrelationship of these common elements and concepts and the contributions of noted artists. Three hours of lecture per week. Listed as HUMA 1301 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 241 Theory III (2 Credits)

Theory III (3) Continuation of the integrated course begun in MUSI 141 and MUSI 142, including chromatic harmony, analysis, and the expression of musical ideas in elementary forms. Two hours of lecture and two hours of laboratory per week. Prerequisites: MUSI 141 and MUSI 142. Listed as MUSI 2311 in the Texas Common Course Numbering System.

Prerequisite(s): (MUSI 142 and MUSI 147)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 242 Theory IV (2 Credits)

Theory IV (3) Continuation of MUSI 241. Two hours of lecture and two hours of laboratory per week. Prerequisite: MUSI 241. Listed as MUSI 2312 in the Texas Common Course Numbering System.

Prerequisite(s): (MUSI 241 and MUSI 246)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 246 Ear Training/Sight Singing III (1 Credits)

Ear Training and Sight Singing III (1) Continuation of MUSI 147, with greater complexity in rhythms and chromatic harmony, to be taken concurrently with music theory. One hour of lecture and one hour of laboratory per week. Prerequisites: MUSI 142 and MUSI 147. Corequisite: MUSI 241. Listed as MUSI 2116 in the Texas Common Course Numbering System.

Prerequisite(s): (MUSI 142 and MUSI 147)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 247 Ear Training/Sight Singing IV (1 Credits)

Ear Training and Sight Singing IV (1) Continuation of MUSI 246, to be taken concurrently with music theory. One hour of lecture and one hour of laboratory per week. Prerequisites: MUSI 241 and MUSI 246. Corequisite: MUSI 242. Listed as MUSI 2117 in the Texas Common Course Numbering System.

Prerequisite(s): (MUSI 241 and MUSI 246)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 250 Composition III (2 Credits)

Composition III (2) Continuation of the integrated course begun in MUSI 150, MUSI 151, and MUSI 152. Two hours of lecture/private lessons per week. Prerequisites: MUSI 150, MUSI 151, and MUSI 152. Listed as MUSI 2186 in the Texas Common Course Numbering System.

Prerequisite(s): (MUSI 150 and MUSI 151 and MUSI 152)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 251 Composition IV (2 Credits)

Composition IV (2) Continuation of MUSI 250. Two hours of lecture/private lessons per week. Prerequisite: MUSI 250. Listed as MUSI 2187 in the Texas Common Course Numbering System.

Prerequisite(s): MUSI 250

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 253 Jazz Theory (3 Credits)

Jazz Theory I (3) Identification and application of basic harmonic, melodic and rhythmic elements. Required of jazz majors and minors. Open to all music majors as an elective. Prerequisite: MUSI 141 or consent of instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 254 Jazz Composition (3 Credits)

Jazz Theory II (3) Composition study and analysis with application of advanced harmonic and rhythmic formats along with production of original student works. Prerequisite: MUSI 253.

Prerequisite(s): MUSI 253

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 271 Class Piano III (1 Credits)

Class Piano III (3) Continuation of MUSI 172. May be substituted for MUSA 211 when specified. Two hours laboratory per week. Prerequisite: MUSI 172. Listed as MUSI 2181 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 272 Class Piano IV (1 Credits)

Class Piano IV (3) Continuation of MUSI 271. May be substituted for MUSA 212 when specified. Two hours of laboratory per week. Prerequisite: MUSI 271. Listed as MUSI 2182 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 300 Junior Recital (0 Credits)

Junior Recital (0) Solo recital required of students pursuing the B.A. in Music, Applied Performance Specialty. Must be taken concurrently with appropriate Applied Music course.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 322 Diction For Singers (3 Credits)

Diction for Singers (3) Application of vocal pronunciation and techniques of Italian, German, French, and English songs. Three hours of lecture per week. Offered during the spring semester only

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 325 Song Literature (3 Credits)

Song Literature (3) Study of the evolution of solo singing and the art of song, as well as song repertoire for all voice classifications. Three hours of lecture per week. Offered during the fall semester only. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 328 Instrumental Techniques (2 Credits)

Instrumental Techniques (2) Study of instrumental literature, management, rehearsal techniques, and problems of instrumental care and maintenance. Offered during the fall semester only. Two hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 329 Teaching Music In Elem Class (3 Credits)

Fundamentals of Music Techniques (3) Study of musical concepts and principles involving traditional and contemporary learning techniques with the provision of creative experiences through rhythm, song, and instrumental performance. Offered during the spring semester only. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 331 Counterpoint (3 Credits)

Counterpoint (3) Study of tonal counterpoint in two, three, and four voices; analysis and composition of 18th century polyphony with emphasis on canon, invention, and fugue. Three hours of lecture per week. Prerequisite: MUSI 242.

Prerequisite(s): MUSI 242

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 333 Form & Analysis (3 Credits)

Form and Analysis (3) Study of small and large musical forms in a tonal context with emphasis on binary, ternary, sonata-allegro, rondo forms, concerto, and variation procedures. Three hours of lecture per week. Prerequisite: MUSI 242.

Prerequisite(s): MUSI 242

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 335 Orchestration (3 Credits)

Orchestration (3) Practical study of writing and arranging for the orchestral instruments as well as score reading and analysis of effects heard in extensive orchestral recordings. Three hours of lecture per week. Prerequisite: MUSI 242.

Prerequisite(s): MUSI 242

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 336 Adv Jazz Improvition (3 Credits)

Advanced Jazz Improvisation (2) Continuation of MUSI 229 with applications in advanced harmonic and rhythmic formats from bebop to contemporary.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 337 History Of Music I (3 Credits)

History of Music I (3) Comprehensive study of the historical periods in music beginning with antiquity to the present. Listening, analysis, and research activities included. Three hours of lecture per week. Prerequisites: MUSI 131, MUSI 141, and MUSI 142.

Prerequisite(s): (MUSI 141 and MUSI 146 and MUSI 142 and MUSI 147)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 338 History Of Music II (3 Credits)

History of Music II (3) Continuation of MUSI 337. Three hours of lecture per week. Prerequisite: MUSI 337.

Prerequisite(s): (MUSI 146 and MUSI 141 and MUSI 142 and MUSI 147)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 339 Music For Young Children (3 Credits)

Music for Young Children (3) Fundamental principles, methods, and materials of music for nursery and primary children with emphasis on contemporary and traditional methods for ages three through eight. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 343 Jazz History (3 Credits)

Jazz History (3) A chronological examination of jazz styles and major artists of jazz from pre-jazz forms to the present. Offered as needed.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 347 Basic Music Procedures (3 Credits)

Basic Music Procedures (3) Study of the development of basic music skills stressing the understanding of music fundamentals through activities in singing, listening, performing, and eurhythmics. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 350 Composition V (2 Credits)

Composition V (2) Continuation of MUSI 251. One hour of laboratory/private lessons per week. Prerequisite: MUSI 251.

Prerequisite(s): MUSI 251

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 351 Composition VI (2 Credits)

Composition VI (2) Continuation of MUSI 350. One hour of laboratory/private lessons per week. Prerequisite: MUSI 350. Offered as needed.

Prerequisite(s): MUSI 350

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSI 355 Jazz Arranging (3 Credits)

Jazz Arranging (3) Arranging compositions in various jazz styles and group combinations. Prerequisite: MUSI 253.

Prerequisite(s): MUSI 253

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 390 Independent Study in Music I (2,3 Credits)

Selected topics in music and music education. Developed to provide enhanced curricular options of the concentration for upper music majors. May be repeated. Variable hour course 2 to 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 400 Senior Recital (0 Credits)

Senior Recital (0) Solo recital required of all students pursuing the B.A. in Music. Must be taken concurrently with the appropriate Applied Music course.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 401 Capstone Sem in Music (3 Credits)

Capstone Seminar in Music (3) Directed research, reading, and discussion to integrate historical, stylistic, and theoretical concepts acquired throughout the major. The EXIT examination will be administered in this course.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 431 Conducting Fundamentals (3 Credits)

Conducting Fundamentals (3) Fundamentals of choral and instrumental conducting, stylistic interpretation, terminology, instrumental transposition, score reading, and rehearsal skins. Three hours of lecture per week. Prerequisite: Junior standing.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 435 Teaching Music Secondary Class (3 Credits)

Seminar in Music Studies (3) Study of the organization and activities of music for majors. Offered during the fall semester only. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 439 Piano-Voice Pedagogy (3 Credits)

Piano-Voice Pedagogy

Prerequisite(s): (MUSI 337)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 480 Business of Music (3 Credits)

Business of Music (3) A study of contracts, copyrights, and marketing for the career musical artist. Required of Jazz Studies music majors. Open to all students as an elective.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI 490 Independent Study in Music II (2,3 Credits)

Selected topics in music education. Developed to provide enhanced curricular options in the concentration for upper music majors. May be repeated. Variable hour course 2 to 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI CC Concert Choir (1 Credits)

Concert Choir (1) An organization of specially selected singers performing major concerts on and off campus. Three hours of laboratory per week. May be repeated for credit. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI OW Opera Workshop (1 Credits)

Opera Workshop (1) A small musical ensemble performing operatic repertoire on and off campus. Membership based on audition. Three hours of laboratory per week. May be repeated for credit. Prerequisite: Consent of the instructor. Listed as MUSI 1157 and MUSI 1158 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI UB University Band (1 Credits)

University Band (1) A musical ensemble required of all majors and open to all university students based on audition. Three hours of laboratory per week. May be repeated for credit. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI UC University Choir (1 Credits)

University Choir (1) A music choral laboratory, required of majors and open to all university students, performing a wide range of standard, sacred, and secular repertoire. Three hours of laboratory per week. May be repeated for credit. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI JEC Jazz Ensemble Combo (1 Credits)

University Jazz Ensemble Combo (1) Performing jazz compositions from the bebop era through the contemporary. Prerequisite: Jazz Music major or minor status or approval by audition.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI JBB Jazz Big Band (1 Credits)

University Jazz Ensemble Big Band (1) Performing original and standard charts from the Big Band Era, through contemporary styles. Prerequisite: Jazz Music major or minor status or approval by audition.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI VJE Vocal Jazz Ensemble (1 Credits)

University Vocal Jazz Ensemble (1) Performing jazz compositions and arrangements for voices. Prerequisite: Jazz Music major or minor status or approval by audition.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI LJE Latin Jazz Ensemble (1 Credits)

University Latin Jazz Ensemble (1) Performing Latin Jazz arrangements, covering traditional and contemporary materials. Prerequisite: Jazz Music major or minor status or approval by audition.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSI UO University Orchestra (1 Credits)

University Chamber Orchestra (1) An instrumental ensemble open to music majors and all university students based on audition. Performs "Classical," "Sacred," and "Jazz" musical genres. Two hours of laboratory per week. May be repeated for credit. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

Applied Music Courses

Applied Music courses are for majors and minors in Music. In scheduling each course referenced as Applied Music, the individual sections are provided with an alphabetic code (with the exception of Applied Composition) to specify the applied instrument selected for the semester or term under consideration. Each designated course number is also coded according to year, concentration, credit, and semester or term. For example, MUSA 121K Applied Music Piano would correspond to first or freshman year, certification or general concentration, first semester, piano. The following instrument codes are noted:

Code	Instrument
B	Brass
K	Piano (Keyboards)
P	Percussion
S	Strings
V	Voice
W	Woodwinds

MUSA 111 Applied Music (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 111B Applied Music Brass (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 111K Applied Music Piano (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 111P Applied Music Perc (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 111S Applied Music String (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 111V Applied Music Voice (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 111W Applied Music Woodwind (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 112 Applied Music (1 Credits)

Applied Music (1) Continuation of MUSA 111. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 111.

Prerequisite(s): MUSA 111

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 112B Applied Music Brass (1 Credits)

Applied Music (1) Continuation of MUSA 111. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 111.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 112K Applied Music Piano (1 Credits)

Applied Music (1) Continuation of MUSA 111. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 111.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 112P Applied Music Perc (1 Credits)

Applied Music (1) Continuation of MUSA 111. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 111.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 112S Applied Music String (1 Credits)

Applied Music (1) Continuation of MUSA 111. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 111.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 112V Applied Music Voice (1 Credits)

Applied Music (1) Continuation of MUSA 111. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 111.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 112W Applied Music Woodwind (1 Credits)

Applied Music (1) Continuation of MUSA 111. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 111.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 121 Applied Music (1 Credits)

Applied Music (2) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 121B Applied Music Brass (1 Credits)

Applied Music (1) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 121K Applied Music Piano (1 Credits)

Applied Music (1) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 121P Applied Music Perc (1 Credits)

Applied Music (1) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 121S Applied Music String (1 Credits)

Applied Music (1) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 121V Applied Music Voice (1 Credits)

Applied Music (1) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 121W Applied Music Woodwind (1 Credits)

Applied Music (1) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 122 Applied Music (2 Credits)

Applied Music (2) Continuation of MUSA 121. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 121.

Prerequisite(s): MUSA 121

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 122B Applied Music Brass (1 Credits)

Applied Music (1) Continuation of MUSA 121. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 121.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 122K Applied Music Piano (1 Credits)

Applied Music (1) Continuation of MUSA 121. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 121.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 122P Applied Music Perc (1 Credits)

Applied Music (1) Continuation of MUSA 121. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 121.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 122S Applied Music String (1 Credits)

Applied Music (1) Continuation of MUSA 121. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 121.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 122V Applied Music Voice (1 Credits)

Applied Music (1) Continuation of MUSA 121. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 121.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 122W Applied Music Woodwind (1 Credits)

Applied Music (1) Continuation of MUSA 121. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 121.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 131 Applied Music (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week.

Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 131B Applied Music Brass (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 131K Applied Music Piano (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 131P Applied Music Perc (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 131S Applied Music String (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 131V Applied Music Voice (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 131W Applied Music Woodwind (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 132 Applied Music (2 Credits)

Applied Music (3) Continuation of MUSA 131. Two hours of laboratory per week. Prerequisites: MUSA 131 and consent of the instructor.

Prerequisite(s): (MUSA 131)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 132B Applied Music Brass (2 Credits)

Applied Music (2) Continuation of MUSA 131. Two hours of laboratory per week. Prerequisites: MUSA 131 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 132K Applied Music Piano (2 Credits)

Applied Music (2) Continuation of MUSA 131. Two hours of laboratory per week. Prerequisites: MUSA 131 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 132P Applied Music Perc (2 Credits)

Applied Music (2) Continuation of MUSA 131. Two hours of laboratory per week. Prerequisites: MUSA 131 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 132S Applied Music String (2 Credits)

Applied Music (2) Continuation of MUSA 131. Two hours of laboratory per week. Prerequisites: MUSA 131 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 132V Applied Music Voice (2 Credits)

Applied Music (2) Continuation of MUSA 131. Two hours of laboratory per week. Prerequisites: MUSA 131 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 132W Applied Music Woodwind (2 Credits)

Applied Music (2) Continuation of MUSA 131. Two hours of laboratory per week. Prerequisites: MUSA 131 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 141 Applied Music (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 141B Applied Music Brass (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 141K Applied Music Piano (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 141P Applied Music Perc (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 141S Applied Music String (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 141V Applied Music Voice (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 141W Applied Music Woodwind (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 211 Applied Music (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 112.

Prerequisite(s): MUSA 112

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 211B Applied Music Brass (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 112.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 221V Applied Music Voice (1 Credits)

Applied Music (1) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 122.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 221W Applied Music Woodwind (1 Credits)

Applied Music (1) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 122.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 222 Applied Music (1 Credits)

Applied Music (2) Continuation of MUSA 221. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 221.

Prerequisite(s): MUSA 221

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 222B Applied Music Brass (1 Credits)

Applied Music (1) Continuation of MUSA 221. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 221.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 222K Applied Music Piano (1 Credits)

Applied Music (1) Continuation of MUSA 221. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 221.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 222P Applied Music Perc (1 Credits)

Applied Music (1) Continuation of MUSA 221. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 221.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 222S Applied Music String (1 Credits)

Applied Music (1) Continuation of MUSA 221. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 221.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 222V Applied Music Voice (1 Credits)

Applied Music (1) Continuation of MUSA 221. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 221.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 222W Applied Music Woodwind (1 Credits)

Applied Music (1) Continuation of MUSA 221. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 221.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 231 Applied Music (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 132 and consent of the instructor.

Prerequisite(s): MUSA 132

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 231B Applied Music Brass (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 132 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 231K Applied Music Piano (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 132 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 231P Applied Music Perc (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 132 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 231S Applied Music String (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 132 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 231V Applied Music Voice (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 132 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 231W Applied Music Woodwind (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 132 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 232 Applied Music (2 Credits)

Applied Music (3) Continuation of MUSA 231. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 231 and consent of the instructor.

Prerequisite(s): MUSA 231

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 232B Applied Music Brass (2 Credits)

Applied Music (2) Continuation of MUSA 231. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 231 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 232K Applied Music Piano (2 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 232P Applied Music Perc (2 Credits)

Applied Music (2) Continuation of MUSA 231. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 231 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 232S Applied Music String (2 Credits)

Applied Music (2) Continuation of MUSA 231. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 231 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 232V Applied Music Voice (2 Credits)

Applied Music (2) Continuation of MUSA 231. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 231 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 232W Applied Music Woodwind (2 Credits)

Applied Music (2) Continuation of MUSA 231. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 231 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 242 Applied Music (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 242B Applied Music Brass (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 242K Applied Music Piano (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 242P Applied Music Perc (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 242S Applied Music String (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 242V Applied Music Voice (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 242W Applied Music Woodwind (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 260 Applied Composition (2 Credits)

Individual study of the techniques of vocal, instrumental, and electronic music composition in various styles. Two hours of laboratory lessons per week.

Prerequisite(s): (MUSI 142 and MUSI 147 and MUSI 132)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 261 Applied Composition II (2 Credits)

A continuation of MUSA 260. Two hours of laboratory/private lessons per week.

Prerequisite(s): (MUSA 260)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 311 Applied Music (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 212.

Prerequisite(s): MUSA 212

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 311B Applied Music Brass (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 212.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 311K Applied Music Piano (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 212.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 311P Applied Music Perc (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 212.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 311S Applied Music String (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 212.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 311V Applied Music Voice (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 212.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 322S Applied Music String (1 Credits)

Applied Music (1) Continuation of MUSA 321. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 321.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 322V Applied Music Voice (1 Credits)

Applied Music (1) Continuation of MUSA 321. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 321.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 322W Applied Music Woodwind (1 Credits)

Applied Music (1) Continuation of MUSA 321. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 321.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 331 Applied Music (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 232 and consent of the instructor.

Prerequisite(s): MUSA 232

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 331B Applied Music Brass (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 232 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 331K Applied Music Piano (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 232 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 331P Applied Music Perc (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 232 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 331S Applied Music String (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 232 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 331V Applied Music Voice (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 232 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 331W Applied Music Woodwind (2 Credits)

Applied Music (2) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 232 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 332 Applied Music (2 Credits)

Applied Music (3) Continuation of MUSA 331. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 331 and consent of the instructor.

Prerequisite(s): MUSA 331

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 332B Applied Music Brass (2 Credits)

Applied Music (2) Continuation of MUSA 331. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 331 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 332K Applied Music Piano (2 Credits)

Applied Music (2) Continuation of MUSA 331. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 331 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 332P Applied Music Perc (2 Credits)

Applied Music (2) Continuation of MUSA 331. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 331 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 332S Applied Music String (2 Credits)

Applied Music (2) Continuation of MUSA 331. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 331 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 332V Applied Music Voice (2 Credits)

Applied Music (2) Continuation of MUSA 331. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 331 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 332W Applied Music Woodwind (2 Credits)

Applied Music (2) Continuation of MUSA 331. Offered each semester for performance and jazz specialty majors. Two hours of laboratory per week. Prerequisites: MUSA 331 and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 341 Applied Music (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 341B Applied Music Brass (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 341K Applied Music Piano (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 341P Applied Music Perc (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 341S Applied Music String (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 341V Applied Music Voice (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 341W Applied Music Woodwind (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 360 Applied Composition III (2 Credits)

A continuation of MUSA 261. Two hours of laboratory/private lessons per week.

Prerequisite(s): (MUSA 261)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 361 Applied Composition IV (2 Credits)

A continuation of MUSA 360. Two hours of laboratory/private lessons.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 411 Applied Music (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 312.

Prerequisite(s): MUSA 312

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 411B Applied Music Brass (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 312.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 411K Applied Music Piano (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 312.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 411P Applied Music Perc (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 312.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 411S Applied Music String (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 312.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 411V Applied Music Voice (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 312.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 411W Applied Music Woodwind (1 Credits)

Applied Music (1) Performance in a secondary medium emphasizing the development of musicianship and technical skills. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 312.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 412 Applied Music (1 Credits)

Applied Music (1) Continuation of MUSA 411. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 411.

Prerequisite(s): MUSA 411

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 412B Applied Music Brass (1 Credits)

Applied Music (1) Continuation of MUSA 411. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 411.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 412K Applied Music Piano (1 Credits)

Applied Music (1) Continuation of MUSA 411. Offered each semester for minors and non-majors and as a secondary MUSA course for majors. One-half hour of laboratory per week. Prerequisite: MUSA 411.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 412P Applied Music Perc (1 Credits)

Applied Music (1) Continuation of MUSA 411. Offered each semester for minors and non-majors and as a secondary MUSA course for majors.

One-half hour of laboratory per week. Prerequisite: MUSA 411.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 412S Applied Music String (1 Credits)

Applied Music (1) Continuation of MUSA 411. Offered each semester for minors and non-majors and as a secondary MUSA course for majors.

One-half hour of laboratory per week. Prerequisite: MUSA 411.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 412V Applied Music Voice (1 Credits)

Applied Music (1) Continuation of MUSA 411. Offered each semester for minors and non-majors and as a secondary MUSA course for majors.

One-half hour of laboratory per week. Prerequisite: MUSA 411.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 412W Applied Music Woodwind (1 Credits)

Applied Music (1) Continuation of MUSA 411. Offered each semester for minors and non-majors and as a secondary MUSA course for majors.

One-half hour of laboratory per week. Prerequisite: MUSA 411.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

MUSA 421 Applied Music (1 Credits)

Applied Music (2) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 322.

Prerequisite(s): MUSA 322

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 421B Applied Music Brass (1 Credits)

Applied Music (2) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 322.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 421K Applied Music Piano (1 Credits)

Applied Music (2) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 322.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 421P Applied Music Perc (1 Credits)

Applied Music (2) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 322.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 421S Applied Music String (1 Credits)

Applied Music (2) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 322.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 421V Applied Music Voice (1 Credits)

Applied Music (2) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 322.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 421W Applied Music Woodwind (1 Credits)

Applied Music (2) Performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 322.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 422 Applied Music (1 Credits)

Applied Music (2) Continuation of MUSA 421. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 421.

Prerequisite(s): MUSA 421

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 422B Applied Music Brass (1 Credits)

Applied Music (2) Continuation of MUSA 421. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 421.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 422K Applied Music Piano (1 Credits)

Applied Music (2) Continuation of MUSA 421. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 421.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 422P Applied Music Perc (1 Credits)

Applied Music (2) Continuation of MUSA 421. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 421.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 422S Applied Music String (1 Credits)

Applied Music (2) Continuation of MUSA 421. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 421.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 422V Applied Music Voice (1 Credits)

Applied Music (2) Continuation of MUSA 421. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 421.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 422W Applied Music Woodwind (1 Credits)

Applied Music (2) Continuation of MUSA 421. Offered each semester for majors. One hour of laboratory per week. Prerequisite: MUSA 421.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 431 Applied Music (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 322 and consent of the instructor.

Prerequisite(s): MUSA 322

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 431B Applied Music Brass (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 322 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 431K Applied Music Piano (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 322 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 431P Applied Music Perc (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 322 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 431S Applied Music String (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 322 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 431V Applied Music Voice (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 322 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 431W Applied Music Woodwind (2 Credits)

Applied Music (3) Intensive performance in a principal medium emphasizing the development of musicianship and technical skills. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 322 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 432 Applied Music (2 Credits)

Applied Music (3) Continuation of MUSA 431. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 431 and consent of the instructor.
Prerequisite(s): MUSA 431
College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 432B Applied Music Brass (2 Credits)

Applied Music (3) Continuation of MUSA 431. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 431 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Visual & Performing Arts

MUSA 432K Applied Music Piano (2 Credits)

Applied Music (3) Continuation of MUSA 431. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 431 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 432P Applied Music Perc (2 Credits)

Applied Music (3) Continuation of MUSA 431. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 431 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Visual & Performing Arts

MUSA 432S Applied Music String (2 Credits)

Applied Music (3) Continuation of MUSA 431. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 431 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Visual & Performing Arts

MUSA 432V Applied Music Voice (2 Credits)

Applied Music (3) Continuation of MUSA 431. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 431 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Visual & Performing Arts

MUSA 432W Applied Music Woodwind (2 Credits)

Applied Music (3) Continuation of MUSA 431. Offered each semester for majors. Two hours of laboratory per week. Prerequisites: MUSA 431 and consent of the instructor.
College/School: Liberal Arts & Behavioral Scie
Department: Visual & Performing Arts

MUSA 441 Applied Music (4 Credits)

College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 441B Applied Music Brass (4 Credits)

College/School: Liberal Arts & Behavioral Scie
Department: (R)Department of Fine Arts

MUSA 441K Applied Music Piano (4 Credits)

College/School: Liberal Arts & Behavioral Scie
Department: (R)Department of Fine Arts

MUSA 441P Applied Music Perc (4 Credits)

College/School: Liberal Arts & Behavioral Scie
Department: (R)Department of Fine Arts

MUSA 441S Applied Music String (4 Credits)

College/School: Liberal Arts & Behavioral Scie
Department: (R)Department of Fine Arts

MUSA 441V Applied Music Voice (4 Credits)

College/School: Liberal Arts & Behavioral Scie
Department: Visual & Performing Arts

MUSA 441W Applied Music Woodwind (4 Credits)

College/School: Liberal Arts & Behavioral Scie
Department: (R)Department of Fine Arts

MUSA 442 Applied Music (4 Credits)

College/School: Liberal Arts & Behavioral Scie
Department: Department of Music

MUSA 442B Applied Music Brass (4 Credits)

College/School: Liberal Arts & Behavioral Scie
Department: (R)Department of Fine Arts

MUSA 442K Applied Music Piano (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 442P Applied Music Perc (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 442S Applied Music String (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 442V Applied Music Voice (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 442W Applied Music Woodwind (4 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: (R)Department of Fine Arts

MUSA 460 Applied Composition V (2 Credits)

A continuation of MUSA 361. Two hours of laboratory/private lessons per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

MUSA 461 Applied Composition VI (2 Credits)

A continuation of MUSA 460. Two hours of laboratory/private lessons per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Music

Jazz Studies Minor

The following 21 semester credit hours are required:

Code	Title	Hours
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI 228	Jazz Improvisation I	2
MUSI 229	Jazz Improvisation II	2
MUSI 253	Jazz Theory	3
MUSI 343	Jazz History	3
MUSI UJ	University Jazz Ensemble	1
MUSI 480	Business of Music	3
MUSA 111	Applied Music	1
Total Hours		21

Any courses that apply toward a student's major requirements cannot be used to fulfill these minor requirements and must be substituted by courses of equal or greater academic rigor as approved by the advisor. The minor in Jazz Studies is open to music majors and non-music majors who qualify by audition.

Music (Composition Concentration), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 223)		42
Major Requirements (p. 224)		46
Other Requirements (p. 224)		14
Concentration (p. 224)		18
Total Hours		120

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I ¹	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
Science Elective ²		3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 136	Music Appreciation	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Social and Behavior Science Elective ⁴		3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136 PUBLIC ADDRESS		
Select one of the following:		3
CS 116	Intro To Compr Science I	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	
Other ⁵		
Total Hours		42

¹ (N) represents the number of course credits.

² Science Elective must be selected from one of the TSU Core Curriculum approved options

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

- ⁴ SOC 157 Introduction To Sociology; SOC 158 Contemporary Social Issues; SOC 221 Soc Of Human Sexuality; SOC 238 Introduction To Anthropology; GEOG 132 World Regional Geography; PSY 131 General Psychology
- ⁵ Other Institutional Options can include a course from the Math, Science, English, Fine Arts, or Social Science Courses from the Core Curriculum.

Major (Music)

Code	Title	Hours
MUSI 100	Seminar I ¹	1
MUSI 132	Intro To Computer Music	3
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI 171	Class Piano I	1
or MUSI 173	Voice Class I	
MUSI 241	Theory III	2
MUSI 246	Ear Training/Sight Singing III	1
MUSI 242	Theory IV	2
MUSI 247	Ear Training/Sight Singing IV	1
MUSI 300	Junior Recital	0
MUSI 331	Counterpoint	3
MUSI 333	Form & Analysis	3
MUSI 335	Orchestration	3
MUSI 337	History Of Music I	3
MUSI 338	History Of Music II	3
MUSI 400	Senior Recital	0
MUSI 401	Capstone Sem in Music	3
MUSI 431	Conducting Fundamentals	3
MUSI Ensembles		5
MUSA 121	Applied Music (B,K,PS,V,or W)	1
"MUSA 122	Applied Music"	1
Select one of the following: ²		1
MUSI 272	Class Piano IV	
MUSA 411K	Applied Music Piano	
MUSA 422K	Applied Music Piano	
Total Hours		46

¹ Students must register in MUSI 100 Seminar I each semester; 7 semesters for 0 credit and 1 semester for 1 credit

² See advisor for course appropriate to applied emphasis.

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
Foreign Language		3
Select one of the following sets:		10
Voice Emphasis		
MUSI 322	Diction For Singers	
MUSI 325	Song Literature	
MUSI 439	Piano-Voice Pedagogy	

MUSI Elective	
Piano Emphasis	
MUSI 439	Piano-Voice Pedagogy
MUSI electives	
Instrumental Emphasis	
MUSI electives	
Total Hours	14

Concentration

Code	Title	Hours
MUSA 211	Applied Music (B,K,PS,V or W)	1
MUSA 212	Applied Music (B,K,PS,V or W)	1
MUSA 311	Applied Music (B,K,PS,V or W)	1
MUSA 312	Applied Music (B,K,PS,V or W)	1
MUSA 411	Applied Music (B,K,PS,V or W)	1
MUSA 412	Applied Music (B,K,PS,V or W)	1
MUSA 260	Applied Composition	2
MUSA 261	Applied Composition II	2
MUSA 360	Applied Composition III	2
MUSA 361	Applied Composition IV	2
MUSA 460	Applied Composition V	2
MUSA 461	Applied Composition VI	2
Total Hours		18

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
"MUSI 100	Seminar I"	0
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 171	Class Piano I	1
or MUSI 173	or Voice Class I	
MUSI Ensemble		1
MUSA 121	Applied Music	1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
ENG 132	Freshman English II	3
BIOL 143	Survey of Life Science	3
HIST 231	Soc & Pol Hist US to 1877	3
"MUSI 100	Seminar I"	
"MUSI 122	Applied Music"	1
MUSI 132	Intro To Computer Music	3

MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI Ensemble		1
Hours		17

Second Year**Third Semester**

POLS 235	American Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ENG 2XX		3
Social/Behavioral Science Elective		3
"MUSI 100	Seminar I"	0
MUSI 241	Theory III	2
MUSI 246	Ear Training/Sight Singing III	1
MUSA 260	Applied Composition	2
MUSA 211	Applied Music	1
Hours		18

Fourth Semester

POLS 236	Texas Government	3
Life and Physical Science Elective		3
Institutional Option		3
MUSI 136	Music Appreciation	3
MUSI 242	Theory IV	2
"MUSI 100	Seminar I"	0
MUSI 247	Ear Training/Sight Singing IV	1
MUSA 261	Applied Composition II	2
MUSA 212	Applied Music	1
Hours		18

Third Year**Fifth Semester**

"MUSI 100	Seminar I"	0
MUSI 331	Counterpoint	3
MUSI 337	History Of Music I	3
MUSI Ensemble		1
MUSI 322	Diction For Singers	3
MUSA 360	Applied Composition III	2
MUSA 311	Applied Music	1
Hours		13

Sixth Semester

"MUSI 100	Seminar I"	0
MUSI 333	Form & Analysis	3
MUSI 338	History Of Music II	3
MUSI 300	Junior Recital	0
MUSA 312	Applied Music	1
MUSA 361	Applied Composition IV	2
MUSI 325	Song Literature	3
Hours		12

Fourth Year**Seventh Semester**

"MUSI 100	Seminar I"	0
MUSI 335	Orchestration	3
MUSI Ensemble		1
MUSA 460	Applied Composition V	2

MUSA 411	Applied Music	1
MUSI 439	Piano-Voice Pedagogy	3
MUSI Elective		1
Foreign Language		3
Hours		14

Eighth Semester

MUSI 100	Seminar I	1
MUSI 400	Senior Recital	0
MUSI 401	Capstone Sem in Music	3
MUSI 431	Conducting Fundamentals	3
MUSI Ensemble		1
MUSA 412	Applied Music	1
MUSA 461	Applied Composition VI	2
Select one of the following:		1
MUSI 272	Class Piano IV	
MUSA 411K	Applied Music Piano	
MUSA 422K	Applied Music Piano	
Hours		12

Total Hours **120**

Music (Jazz Performance), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 225)	42
	Major Requirements (p. 226)	46
	Other Requirements (p. 226)	4
	Concentration (p. 226)	28
Total Hours		120

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I ¹	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
Science Elective ²		3
Language, Philosophy, and Culture		

ENG 2XX ³		3
Creative Arts		
MUSI 136	Music Appreciation	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Social and Behavior Science Elective ⁴		3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
Select one of the following:		3
CS 116	Intro To Compr Science I	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	
Other ⁵		
Total Hours		42

¹ (N) represents the number of course credits.

² Science Elective must be selected from one of the TSU Core Curriculum approved options

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ SOC 157 Introduction To Sociology; SOC 158 Contemporary Social Issues; SOC 221 Soc Of Human Sexuality; SOC 238 Introduction To Anthropology; GEOG 132 World Regional Geography; PSY 131 General Psychology

⁵ Other Institutional Options can include a course from the Math, Science, English, Fine Arts, or Social Science Courses from the Core Curriculum.

Major (music)

Code	Title	Hours
MUSI 100	Seminar I ¹	1
MUSI 132	Intro To Computer Music	3
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI 171	Class Piano I	1
	or MUSI 173 Voice Class I	
MUSI 241	Theory III	2
MUSI 246	Ear Training/Sight Singing III	1
MUSI 242	Theory IV	2
MUSI 247	Ear Training/Sight Singing IV	1
MUSI 253	Jazz Theory	3
MUSI 300	Junior Recital	0
MUSI 333	Form & Analysis	3
MUSI 337	History Of Music I	3
MUSI 338	History Of Music II	3

MUSI 355	Jazz Arranging	3
MUSI 400	Senior Recital	0
MUSI 401	Capstone Sem in Music	3
MUSI 431	Conducting Fundamentals	3
MUSI Ensembles		5
MUSA 121	Applied Music (B,K,PS,V, or W)	1
"MUSA 122	Applied Music"	1
Select one of the following: ²		1
MUSI 272	Class Piano IV	
MUSA 411K	Applied Music Piano	
MUSA 422K	Applied Music Piano	
Total Hours		46

¹ Students must register in MUSI 100 Seminar I for 7 semesters; 6 semesters for 0 credit and 1 semester for 1 credit

² See advisor for course appropriate to applied emphasis.

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
Foreign Language		3
Total Hours		4

Concentration Requirements

Code	Title	Hours
MUSI 228	Jazz Improvisation I	2
MUSI 229	Jazz Improvisation II	2
MUSI 254	Jazz Composition	3
MUSI 343	Jazz History	3
MUSI 480	Business of Music	3
Additional MUSI Ensembles		3
MUSA 231	Applied Music (B,K,PS,V, or W)	2
MUSA 232	Applied Music (B,K,PS,V, or W)	2
MUSA 331	Applied Music (B,K,PS,V, or W)	2
MUSA 332	Applied Music (B,K,PS,V, or W)	2
MUSA 431	Applied Music (B,K,PS,V, or W)	2
MUSA 432	Applied Music (B,K,PS,V, or W)	2
Total Hours		28

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
COMM 135	BUSINESS & PROFESSIONAL	3
	or COMM 136 COMMUNICATION	
	or PUBLIC ADDRESS	
"MUSI 100	Seminar I"	0

MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 171	Class Piano I	1
or MUSI 173	or Voice Class I	
MUSI Ensemble		1
MUSA 121	Applied Music	1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester

ENG 132	Freshman English II	3
BIOL 143	Survey of Life Science	3
HIST 231	Soc & Pol Hist US to 1877	3
"MUSI 100	Seminar I"	0
MUSI 132	Intro To Computer Music	3
MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI Ensemble		1
"MUSA 122	Applied Music"	1
Hours		17

Second Year**Third Semester**

HIST 232	Soc & Pol Hist US Since 1877	3
ENG 2XX		3
Social/Behavioral Science Elective		3
MUSI 241	Theory III	2
"MUSI 100	Seminar I"	0
MUSI 246	Ear Training/Sight Singing III	1
MUSI Ensemble		1
MUSI 228	Jazz Improvisation I	2
MUSA 231	Applied Music	2
Hours		17

Fourth Semester

POLS 235	American Government	3
Life and Physical Science Elective		3
Institutional Option		3
MUSI 136	Music Appreciation	3
"MUSI 100	Seminar I"	0
MUSI 242	Theory IV	2
MUSI 247	Ear Training/Sight Singing IV	1
MUSI Ensemble		1
MUSA 232	Applied Music	2
Hours		18

Third Year**Fifth Semester**

"MUSI 100	Seminar I"	0
MUSI 253	Jazz Theory	3
MUSI 337	History Of Music I	3
MUSI Ensemble		1
MUSI 229	Jazz Improvisation II	2
MUSA 331	Applied Music	2
POLS 236	Texas Government	3
Hours		14

Sixth Semester

"MUSI 100	Seminar I"	0
MUSI 333	Form & Analysis	3
MUSI 338	History Of Music II	3
MUSI 300	Junior Recital	0
MUSI Ensemble		1
MUSA 332	Applied Music	2
MUSI 254	Jazz Composition	3
Hours		12

Fourth Year**Seventh Semester**

MUSI 355	Jazz Arranging	3
"MUSI 100	Seminar I"	0
MUSA 431	Applied Music	2
MUSI Ensemble		1
MUSI 343	Jazz History	3
Foreign Language		3
Hours		12

Eighth Semester

MUSI 100	Seminar I	1
MUSI 400	Senior Recital	0
MUSI 401	Capstone Sem in Music	3
MUSI 431	Conducting Fundamentals	3
MUSI Ensemble		1
MUSA 432	Applied Music	2
Select one of the following:		1
MUSA 212K	Applied Music Piano	
MUSA 411K	Applied Music Piano	
MUSA 422K	Applied Music Piano	
MUSI 480	Business of Music	3
Hours		14

Total Hours 120

Music (Performance Concentration), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 228)	42
	Major Requirements (p. 228)	46
	Other Requirements (p. 228)	14
	Concentration (p. 229)	18
Total Hours		120

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I ¹	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
Science Elective ²		3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 136	Music Appreciation	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Social and Behavior Science Elective ⁴		3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
Select one of the following:		3
CS 116	Intro To Compr Science I	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	
Other ⁵		
Total Hours		42

¹ (N) represents the number of course credits.

² Science Elective must be selected from one of the TSU Core Curriculum approved options

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ SOC 157 Introduction To Sociology; SOC 158 Contemporary Social Issues; SOC 221 Soc Of Human Sexuality; SOC 238 Introduction To Anthropology; GEOG 132 World Regional Geography; PSY 131 General Psychology

⁵ Other Institutional Options can include a course from the Math, Science, English, Fine Arts, or Social Science Courses from the Core Curriculum.

Major (Music)

Code	Title	Hours
MUSI 100	Seminar I ¹	1
MUSI 132	Intro To Computer Music	3
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI 171	Class Piano I	1
or MUSI 173	Voice Class I	
MUSI 241	Theory III	2
MUSI 246	Ear Training/Sight Singing III	1
MUSI 242	Theory IV	2
MUSI 247	Ear Training/Sight Singing IV	1
MUSI 300	Junior Recital	0
MUSI 331	Counterpoint	3
MUSI 333	Form & Analysis	3
MUSI 335	Orchestration	3
MUSI 337	History Of Music I	3
MUSI 338	History Of Music II	3
MUSI 400	Senior Recital	0
MUSI 401	Capstone Sem in Music	3
MUSI 431	Conducting Fundamentals	3
MUSI Ensembles		5
MUSA 121	Applied Music (B,K,PS,V,or W)	1
MUSA 122	Applied Music (B,K,PS,V,or W)	2
Select one of the following: ²		1
MUSI 272	Class Piano IV	
MUSA 411K	Applied Music Piano	
MUSA 422K	Applied Music Piano	
Total Hours		47

¹ Students must register in MUSI 100 Seminar I each semester; 7 semesters for 0 credit and 1 semester for 1 credit

² See advisor for course appropriate to applied emphasis.

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
Foreign Language		3
Select one of the following sets:		10
Voice Emphasis		
MUSI 322	Diction For Singers	
MUSI 325	Song Literature	
MUSI 439	Piano-Voice Pedagogy	
MUSI Elective		
Piano Emphasis		
MUSI 439	Piano-Voice Pedagogy	
MUSI electives		
Instrumental Emphasis		

MUSI electives	
Total Hours	14

Concentration

Code	Title	Hours
MUSI Ensembles		3
MUSA 231	Applied Music (B,K,P,S,V or W)	2
MUSA 232	Applied Music (B,K,P,S,V or W)	2
MUSA 331	Applied Music (B,K,P,S,V or W)	2
MUSA 332	Applied Music (B,K,P,S,V or W)	2
MUSA 431	Applied Music (B,K,P,S,V or W)	2
MUSA 432	Applied Music (B,K,P,S,V or W)	2
MUSA/MUSI Elective		3

Total Hours	18
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Course	Title	Hours
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First Year

First Semester

ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
MUSI 100	Seminar I	
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 171 or MUSI 173	Class Piano I or Voice Class I	1
MUSI Ensemble		1
MUSA 121	Applied Music	1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester

ENG 132	Freshman English II	3
BIOL 143	Survey of Life Science	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 100	Seminar I	
MUSI 132	Intro To Computer Music	3
MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI Ensemble		1
"MUSA 122	Applied Music"	1
Hours		17

Second Year

Third Semester

POLS 235	American Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ENG 2XX		3

Social/Behavioral Science elective		3
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MUSI 100	Seminar I	
MUSI 241	Theory III	2
MUSI 246	Ear Training/Sight Singing III	1
MUSI Ensemble		1
MUSA 231	Applied Music	2

Hours	18
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Fourth Semester

POLS 236	Texas Government	3
Life and Science Elective		3
Institutaional Option		3
MUSI 136	Music Appreciation	3
MUSI 100	Seminar I	
MUSI 242	Theory IV	2
MUSI 247	Ear Training/Sight Singing IV	1
MUSI Ensemble		1
MUSA 232	Applied Music	2

Hours	18
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Third Year

Fifth Semester

MUSI 100	Seminar I	
MUSI 331	Counterpoint	3
MUSI 337	History Of Music I	3
MUSI Ensemble		1
MUSI 322	Diction For Singers	3
MUSA 331	Applied Music	2

Hours	12
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Sixth Semester

MUSI 100	Seminar I	
MUSI 333	Form & Analysis	3
MUSI 338	History Of Music II	3
MUSI 300	Junior Recital	0
MUSI Ensemble		1
MUSA 332	Applied Music	2
MUSI 325	Song Literature	3
Foreign Language		3

Hours	15
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Fourth Year

Seventh Semester

MUSI 100	Seminar I	
MUSI 335	Orchestration	3
MUSA 431	Applied Music	2
MUSI Ensemble		1
MUSI 439	Piano-Voice Pedagogy	3
MUSI/MUSA elective		3

Hours	12
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Eighth Semester

MUSI 100	Seminar I	1
MUSI 400	Senior Recital	0
MUSI 401	Capstone Sem in Music	3
MUSI 431	Conducting Fundamentals	3
MUSI Ensemble		1

MUSA 432	Applied Music	2
Select one of the following:		1
MUSI 272	Class Piano IV	
MUSA 422K	Applied Music Piano	
MUSA 411K	Applied Music Piano	
MUSI elective		1
Hours		12
Total Hours		120

Music (Teacher Certification), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 230)		42
Major Requirements (p. 230)		46
Certification Core (p. 231)		19
Certification (p. 231)		21
Other Requirements (p. 231)		1
Total Hours		129

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I ¹	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
Science Elective ²		3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 136	Music Appreciation	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		

PSY 131	General Psychology ⁴	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
EDCI 210	Ins Tec	3
Total Hours		42

- ¹ (N) represents the number of course credits.
- ² Science Elective must be selected from one of the TSU Core Curriculum approved options.
- ³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)
- ⁴ SOC 157 Introduction To Sociology; SOC 158 Contemporary Social Issues; SOC 221 Soc Of Human Sexuality; SOC 238 Introduction To Anthropology; GEOG 132 World Regional Geography; PSY 131 General Psychology

Major (Music)

Code	Title	Hours
MUSI 100	Seminar I ¹	1
MUSI 132	Intro To Computer Music	3
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI 171	Class Piano I	1
	or MUSI 173 Voice Class I	
MUSI 241	Theory III	2
MUSI 246	Ear Training/Sight Singing III	1
MUSI 242	Theory IV	2
MUSI 247	Ear Training/Sight Singing IV	1
MUSI 331	Counterpoint	3
	or MUSI 439 Piano-Voice Pedagogy	
MUSI 333	Form & Analysis	3
MUSI 335	Orchestration	3
	or MUSI 322 Diction For Singers	
MUSI 337	History Of Music I	3
MUSI 338	History Of Music II	3
MUSI 400	Senior Recital	0
MUSI 401	Capstone Sem in Music	3
MUSI 431	Conducting Fundamentals	3
MUSI Ensemble		5
MUSA 121	Applied Music (B, K, P, S, V, or W)	1
"MUSA 122	Applied Music"	1
MUSA 411K	Applied Music Piano ²	1
	or MUSA 422K Applied Music Piano	
Total Hours		46

- ¹ Students must register in MUSI 100 Seminar I 7 semesters; 6 semesters for 0 credit and 1 semester for 1 credit
- ² See advisor for course appropriate to applied emphasis.

Certification Core Requirements

Code	Title	Hours
MUSI 223	Brass & Percussion	2
MUSI 224	Woodwind Instruments	2
MUSI 225	String Instrument	2
MUSI 328	Instrumental Techniques	2
MUSI 329	Teaching Music In Elem Class	3
MUSI 435	Teaching Music Secondary Class	3
MUSA 221	Applied Music (B, K, P, S, V, or W)	1
MUSA 222	Applied Music (B, K, P, S, V, or W)	1
MUSA 321	Applied Music (B, K, P, S, V, or W)	1
MUSA 322	Applied Music (B, K, P, S, V, or W)	1
MUSA 421	Applied Music (B, K, P, S, V, or W)	1
Total Hours		19

Certification Requirements

Code	Title	Hours
Enroll in College of Education Certification Program		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mnngt	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 468	DIR STU TCH ALL LEVELS	6
RDG 401	Div Pop	3
Total Hours		21

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		1

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
MUSI 100	Seminar I	1
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 171 or MUSI 173	Class Piano I or Voice Class I	1
MUSI Ensemble		1
MUSA 121	Applied Music	1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		14
Second Semester		
ENG 132	Freshman English II	3

MUSI 136	Music Appreciation	3
"MUSI 100	Seminar I"	0
MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI Ensemble		1
MUSI 223	Brass & Percussion	2
"MUSA 122	Applied Music"	1
Hours		13

Summer		
Summer Session I and /or II		
Life and Physical Science option		3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
Hours		6

Second Year		
Third Semester		
HIST 231	Soc & Pol Hist US to 1877	3
ENG 23X		3
POLS 235	American Government	3
"MUSI 100	Seminar I"	0
MUSI 241	Theory III	2
MUSI 246	Ear Training/Sight Singing III	1
MUSI Ensemble		1
MUSA 221	Applied Music	1
MUSI 224	Woodwind Instruments	2
Hours		16

Fourth Semester		
EDCI 210	Ins Tec	3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
"MUSI 100	Seminar I"	0
MUSI 242	Theory IV	2
MUSI 247	Ear Training/Sight Singing IV	1
MUSI Ensemble		1
MUSA 222	Applied Music	1
MUSI 225	String Instrument	2
Hours		16

Summer		
Summer Session I and /or II		
PSY 131	General Psychology	3
BIOL 143	Survey of Life Science	3
Hours		6

Third Year		
Fifth Semester		
"MUSI 100	Seminar I"	0
MUSI 335	Orchestration	3
MUSI 337	History Of Music I	3
MUSI Ensemble		1
MUSI 331	Counterpoint	3
MUSA 321	Applied Music	1
MUSI 329	Teaching Music In Elem Class	3

MUSI 328	Instrumental Techniques	2
Hours		16
Sixth Semester		
"MUSI 100	Seminar I"	0
MUSI 333	Form & Analysis	3
MUSI 338	History Of Music II	3
MUSI 431	Conducting Fundamentals	3
MUSI 435	Teaching Music Secondary Class	3
MUSA 322	Applied Music	1
Hours		13
Fourth Year		
Seventh Semester		
MUSI 100	Seminar I	1
MUSI 400	Senior Recital	0
MUSI 401	Capstone Sem in Music	3
MUSA 421	Applied Music	1
MUSA 411K	Applied Music Piano	1
or MUSA 422K	or Applied Music Piano	
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
Hours		12
Eighth Semester		
MUSI 132	Intro To Computer Music	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
RDG 401	Div Pop	3
Hours		12
Summer		
Summer Session I and /or II		
EDCI 468	DIR STU TCH ALL LEVELS	6
Hours		6
Total Hours		130

Music (with Minor), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 232)		42
Major Requirements (p.)		46
Other Requirements (p. 233)		11
Minor (p. 233)		21
Total Hours		120

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I ¹	3

ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		
MATH 132	Contemporary Mathematics I	3
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
Science Elective ²		3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 136	Music Appreciation	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Social and Behavior Science Elective ⁴		3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
Select one of the following:		3
CS 116	Intro To Compr Science I	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	
Other ⁵		
Total Hours		42

¹ (N) represents the number of course credits.

² Science Elective must be selected from one of the TSU Core Curriculum approved options

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ SOC 157 Introduction To Sociology; SOC 158 Contemporary Social Issues; SOC 221 Soc Of Human Sexuality; SOC 238 Introduction To Anthropology; GEOG 132 World Regional Geography; PSY 131 General Psychology

⁵ **Other** Institutional Options can include a course from the Math, Science, English, Fine Arts, or Social Science Courses from the Core Curriculum.

Major (Music)

Code	Title	Hours
MUSI 100	Seminar I ¹	1
MUSI 132	Intro To Computer Music	3
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 142	Theory II	2

MUSI 147	Ear Training/Sight Singing II	1
MUSI 171	Class Piano I	1
or MUSI 173	Voice Class I	
MUSI 241	Theory III	2
MUSI 246	Ear Training/Sight Singing III	1
MUSI 242	Theory IV	2
MUSI 247	Ear Training/Sight Singing IV	1
MUSI 331	Counterpoint	3
or MUSI 439	Piano-Voice Pedagogy	
MUSI 333	Form & Analysis	3
MUSI 335	Orchestration	3
or MUSI 322	Diction For Singers	
MUSI 337	History Of Music I	3
MUSI 338	History Of Music II	3
MUSI 400	Senior Recital	0
MUSI 401	Capstone Sem in Music	3
MUSI 431	Conducting Fundamentals	3
MUSI Ensemble		5
MUSA 121	Applied Music (B, K, P, S, V, or W)	1
MUSA 122	Applied Music (B, K, P, S, V, or W)	2
Select one of the following: ²		1
MUSI 272	Class Piano IV	
MUSA 422K	Applied Music Piano	
MUSA 411K	Applied Music Piano	

Total Hours 47

¹ Students must register in MUSI 100 Seminar I for 7 semesters; 6 semesters for 0 credit and 1 semester for 1 credit.

² See advisor for course appropriate to applied emphasis.

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
MUSA 221	Applied Music (B, K, P, S, V, or W)	1
MUSA 222	Applied Music (B, K, P, S, V, or W)	1
MUSA 321	Applied Music (B, K, P, S, V, or W)	1
MUSA 322	Applied Music (B, K, P, S, V, or W)	1
MUSA 421	Applied Music (B, K, P, S, V, or W)	1
Music Electives		5
Total Hours		11

Minor

Code	Title	Hours
Contact department of choice after being admitted as a Music Major and being advised by the major advisor		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	

MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
MUSI 100	Seminar I	1
MUSI 141	Theory I	2
MUSI 146	Ear Training/Sight Singing I	1
MUSI 171	Class Piano I	1
or MUSI 173	or Voice Class I	
MUSI Ensemble		1
MUSA 121	Applied Music	1
FS 102	Freshman Seminar/ first Year Experience	1

Hours 17

Second Semester

ENG 132	Freshman English II	3
BIOL 143	Survey of Life Science	3
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 100	Seminar I	1
MUSI 132	Intro To Computer Music	3
MUSI 142	Theory II	2
MUSI 147	Ear Training/Sight Singing II	1
MUSI Ensemble		1
MUSA 122	Applied Music	2

Hours 19

Second Year

Third Semester

POLS 235	American Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ENG 2XX		3
Social/Behavioral Science Elective		3
MUSI 100	Seminar I	1
MUSI 241	Theory III	2
MUSI 246	Ear Training/Sight Singing III	1
MUSI Ensemble		1
MUSA 221	Applied Music	1

Hours 18

Fourth Semester

POLS 236	Texas Government	3
Life and Physical Science Elective		3
Institutional Option		3
MUSI 136	Music Appreciation	3
MUSI 100	Seminar I	1
MUSI 242	Theory IV	2
MUSI 247	Ear Training/Sight Singing IV	1
MUSI Ensemble		1
MUSA 222	Applied Music	1

Hours 18

Third Year

Fifth Semester

MUSI 100	Seminar I	1
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MUSI 331	Counterpoint	3
or MUSI 439	or Piano-Voice Pedagogy	
MUSI 337	History Of Music I	3
MUSI Ensemble		1
MUSA 321	Applied Music	1
MUSI Elective		3
Minor Requirement		3
Hours		15
Sixth Semester		
MUSI 100	Seminar I	1
MUSI 333	Form & Analysis	3
MUSI 338	History Of Music II	3
MUSA 322	Applied Music	1
Minor Requirement		3
Minor Requirement		3
Hours		14
Fourth Year		
Seventh Semester		
MUSI 100	Seminar I	1
MUSI 335	Orchestration	3
or MUSI 322	or Diction For Singers	
MUSI 400	Senior Recital	0
MUSA 421	Applied Music	1
MUSI Elective		2
Minor Requirement		3
Minor Requirement		3
Hours		13
Eighth Semester		
Select one of the following:		1
MUSI 272	Class Piano IV	
MUSA 411K	Applied Music Piano	
MUSA 422K	Applied Music Piano	
MUSI 401	Capstone Sem in Music	3
MUSI 431	Conducting Fundamentals	3
Minor Requirement		3
Minor Requirement		3
Hours		13
Total Hours		127

Music Minor

Students interested in a minor course of study in Music must first report to the Music Office in the Department of Music to be assigned an advisor. To be placed in the appropriate applied music courses, each prospective student must be auditioned and counseled.

The music minor curriculum is an attractive and flexible course of study that can be designed around the strengths of each student. Courses, however, cannot be used to complete requirements for a major in Elementary Education. A minimum of twenty-one (21) semester hours is required.

Code	Title	Hours
Course Requirements		
"MUSI 100	Seminar I"	0

MUSI 141	Theory I	3
& MUSI 146	and Ear Training/Sight Singing I	
MUSI 142	Theory II	3
& MUSI 147	and Ear Training/Sight Singing II	
MUSI Ensemble	Choir, Band, Jazz, Opera, Workshop, Orchestra (2 semesters minimum)	2
Applied Concentration		
Select courses from one area or a combination of two applied areas:		
MUSI 171	Class Piano I	
& MUSI 172	and Class Piano II	
MUSI 173	Voice Class I	
& MUSI 174	and Class Voice II	
MUSA 111	Applied Music	
MUSA 111B	Applied Music Brass	
MUSA 111K	Applied Music Piano	
MUSA 111P	Applied Music Perc	
MUSA 111S	Applied Music String	
MUSA 111V	Applied Music Voice	
MUSA 111W	Applied Music Woodwind	
MUSA 112	Applied Music	
MUSA 112B	Applied Music Brass	
MUSA 112K	Applied Music Piano	
MUSA 112P	Applied Music Perc	
MUSA 112S	Applied Music String	
MUSA 112V	Applied Music Voice	
MUSA 112W	Applied Music Woodwind	
MUSA 211	Applied Music	
MUSA 211B	Applied Music Brass	
MUSA 211K	Applied Music Piano	
MUSA 211P	Applied Music Perc	
MUSA 211S	Applied Music String	
MUSA 211V	Applied Music Voice	
MUSA 211W	Applied Music Woodwind	
MUSA 212	Applied Music	
MUSA 212B	Applied Music Brass	
MUSA 212K	Applied Music Piano	
MUSA 212P	Applied Music Perc	
MUSA 212S	Applied Music String	
MUSA 212V	Applied Music Voice	
MUSA 212W	Applied Music Woodwind	
Music Electives		
Upper Level Courses (see below) ¹		9
Total Hours		21

¹ One of which must be MUSI 337 History Of Music I or MUSI 338 History Of Music II

Electives

The following is a list of recommended electives for students who are interested in the teaching profession:

Code	Title	Hours
MUSI 322	Diction For Singers	3
MUSI 325	Song Literature	3

MUSI 328	Instrumental Techniques	2
MUSI 337	History Of Music I	3
MUSI 338	History Of Music II	3
MUSI 329	Teaching Music In Elem Class	3
MUSI 343	Jazz History	3
MUSI 431	Conducting Fundamentals	3
MUSI 435	Teaching Music Secondary Class	3
MUSI 480	Business of Music	3

Department of Psychology

The Department of Psychology at Texas Southern University (TSU) has two degree programs in Psychology, one undergraduate degree, the **Bachelor of Arts (B.A.)**, and one graduate degree, the **Master of Arts (M.A.)**. The Department also offers a minor in Psychology for students pursuing undergraduate degrees in majors of other academic units at TSU. The departmental curriculum includes course offerings in both Psychology (PSY) and Philosophy (PHIL).

Students interested in the M.A. degree in Psychology are referred to the Graduate School Bulletin of Texas Southern University for general information about admission requirements.

The mission of the Department of Psychology is to contribute to the development of an individual who has assumed a productive role in society upon completion of a liberal arts education. To fulfill its mission, the Department of Psychology imparts:

1. knowledge, skills, and values related to the science and application of psychology; and
2. knowledge, skills, and values consistent with a liberal arts education that are further enhanced by the discipline of psychology. After successful completion of the curriculum plan in psychology, students will:
 - a. demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology;
 - b. understand and apply basic research methods in psychology, including research design, data analysis, and interpretation;
 - c. value and use critical and creative thinking, skeptical inquiry, and, when possible, the scientific approach to solve problems related to behavior and mental processes;
 - d. understand and apply psychological principles to personal, social, and organizational issues; and
 - e. be able to weigh evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinnings of psychology as a discipline.

Students wishing to pursue either the B.A. in Psychology or an undergraduate minor in Psychology must satisfy university requirements and remediate identified deficiencies, as well as petition the Department for admission by completing the appropriate form available through the Departmental Office. Students applying to declare either major or minor in Psychology must:

- present evidence of having an overall GPA of 2.50 or better;
- submit official copies of their transcripts;

- have completed PSY 131 General Psychology with a grade of "B" or better;
- have their petitions reviewed by the department.

Students are notified of the departmental decision within thirty (30) days after submission of their petitions. New freshmen to the university can declare the major or minor, but their status will be reevaluated after the third semester in the major or minor to determine whether they are eligible to remain in Psychology. Transfer students from other colleges will be admitted to the major or minor in Psychology according to the criteria used to evaluate students who are attempting to transfer internally. Upon admission to the Department, students are each assigned an official advisor, and they are expected to keep the Department Office informed of changes in contact information including home and mailing addresses and telephone number up to graduation.

For the B.A. degree in Psychology, students must declare a minor in another academic discipline (as first-time seekers of an undergraduate degree) at the University and must earn grades of "C" or better in all Psychology and minor courses undertaken. (Grades of "C-" or below are not acceptable in these courses.) In selecting a minor, psychology majors should seek detailed advisement from their designated advisors, because the selection of a minor having representative courses in the core curriculum of study could impact the total number of credits required. Students can remain in the Psychology major or minor as long as they

- maintain a grade of "C" or higher in all Psychology courses with no more than two attempts for a given course;
- do not receive a "F" in two or more courses, or a "D" or lower in three or more courses, in a single semester;
- and maintain an overall GPA of 2.0 or higher in two consecutive semesters

In no case will students qualify for graduation at the undergraduate level with fewer than 120 semester credit hours satisfactorily completed. Psychology majors and minors must also have a cumulative GPA of 2.50 across all Psychology courses taken to be eligible for graduation. Prior to graduation, candidates for the B.A. degree in Psychology must apply and must take the departmental exit examination. Students who do not take the exit examination will not be allowed to participate in the graduation ceremony, and must reapply for graduation in the next semester. Students are required to attend mandatory workshops before admission to the exit exam.

Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience with any college level course to complete the total credit hours required for graduation by their degree plan.

For a minor in Psychology, [click here](#) (p. 237).

For further information regarding the Psychology major or minor requirements, contact the Department Office at (713)-313-7344.

The Department of Psychology is located in the College of Liberal Arts and Behavioral Sciences in Suite 302 on the third floor of the Barbara Jordan - Mickey Leland Building.

- Psychology Minor (p. 237)
- Psychology, Bachelor of Arts (p. 238)

Psychology Courses

PSY 131 General Psychology (3 Credits)

A survey of the essential areas, major theories, and approaches to the scientific study of behavior and mental processes. Course is the foundation for the understanding of basic psychological principles underlying human behavior. Course is a prerequisite for all other psychology courses. Three hours of lecture per week. Listed as PSYC 2301 in the Texas Common Course Numbering System.

Prerequisite(s): (or or or TSI Exemption TAKS with a score of 2200 or or TSI READ Assessment with a score of 351 or C-Better Reading Transfer Stu with a score of 2.00 or C-Better Reading Resident Stu with a score of 2.00) or (and READ 101 (may be taken concurrently) or ENG 130 or ENG 101 (may be taken concurrently)) or (TSI READ Assessment with a score of 945 and TSI ESSAY Assessment with a score of 5) or (TSI READ Assessment with a score of 910 and TSI ESSAY Assessment with a score of 5 and Adult Basic Education READING with a score of 5)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 233 Life Span/Developmental Psychology (3 Credits)

This course covers advances in knowledge and theory about human development across the life span. The role of genetics, environment, and maturational processes in cognitive, affective, and behavioral development are covered. Three hours of lecture per week. Prerequisite: PSY 131. Listed as PSYC 2314 in the Texas Common Course Numbering System.

Prerequisite(s): (PSY 131)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 234 Basic Statistics (3 Credits)

Elementary Statistics (3) Basic statistics course for students in Psychology and in the College of Education. Limited practice in the use of calculations and computational devices included. Three hours of lecture per week. Prerequisite: MATH 133. Formerly PSY 436.

Prerequisite(s): PSY 131)(PSY 131)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 235 Educational Psychology (3 Credits)

Educational Psychology (3) Study of the relationship between psychology and education and its usefulness in the normal processes of growth and development. Three hours of lecture per week. Prerequisite: PSY 131.

Prerequisite(s): PSY 131

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 236 Advanced Statistics (3 Credits)

This course builds upon the foundation provided in Basic Statistics by presenting the conceptual and formulaic bases of correlational analyses, ANOVA, and liner regression. Post-hoc and planned comparisons to identify significant between-group differences and covered. Nonparametric statistics are introduced with a focus on chi-square analyses. Three hours of lecture per week. Prerequisites: PSY 131 and PSY 234.

Prerequisite(s): (PSY 131 and PSY 234)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 240 Learning and Behavior (4 Credits)

The course exposes students to experimental research on animal learning and behavior. Classical conditioning and operant conditioning principles will be reviewed during lectures and demonstrated in virtual lab experiments. Three hours of lecture and one hour of laboratory per week. Prerequisite: PSY 131.

Prerequisite(s): (PSY 131)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 330 Cognitive Psychology (3 Credits)

This course covers theory and research on the advances in the study of memory, language processing, perception, problem solving, and thinking. Classical theories and seminal studies on human cognition are also discussed. 3 credit hours.

Prerequisite(s): (PSY 131 and PSY 233)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 332 Indust and Organ Psychology (3 Credits)

Vocational and Industrial Psychology (3) Study of the basic factors in vocational selection, methods of estimating aptitude, measurement of special abilities, problem analysis and specifications. Three hours of lecture per week. Prerequisite: PSY 131.

Prerequisite(s): PSY 131

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 334 Research Methods (3 Credits)

Experimental Psychology (3) Study of the experimental analysis of behavior and experimental design. Emphasis placed on the application of behavior principles to non-laboratory settings. Two hours of lecture and two hours of laboratory per week. Prerequisites: PSY 131 and consent of the instructor.

Prerequisite(s): PSY 131

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 335 African American Psychology (3 Credits)

The experiences of people of African descent in the U.S. from enslavement to the 21st century in terms of their psychological and behavioral functioning are described in this course. The biopsychosocial correlates of personal and group identity, socioeconomic conditions, racism, and residential segregation in the Black community are discussed. Three hours of lecture per week. Prerequisite: PSY 131.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 336 Psychological Testing (3 Credits)

Psychological Testing and Measurement (3) Emphasis on the role and function of informal and standardized tests in the mental health and educational settings. The use of group and individual tests in the assessment of the cognitive, affective and psychomotor domains will be considered. Prerequisite: Statistics course.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 338 Social Psychology (3 Credits)

The course covers theory and research on social psychological processes including attitudes, group processes, self and identity, intergroup relations, social influence, social cognition, and social psychological aspects of affect and emotion. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 433 Abnormal Psychology (3 Credits)

Abnormal Psychology (3) Study of pathological behavior, its causes, preventive measures, and remedial treatment. Three hours of lecture per week. Prerequisite: Completion of nine (9) semester credit hours in Psychology.

Prerequisite(s): (PSY 131 and PSY 233 and PSY 234)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 435 Psychology Of Personality (3 Credits)

Psychology of Personality (3) Consideration of the individual as both a social and biological unit by relating each group of factors to the development of personality. Three hours of lecture per week. Prerequisites: Completion of nine (9) semester credit hours in Psychology and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 436 Biological Psychology (3 Credits)

Biopsychology (3) Study of brain structures and their relationship to behavior. Brain chemicals and psychoactive medications also covered. Three hours of lecture per week. Prerequisites: Completion of nine (9) semester credit hours in Psychology, BIOL 143, and BIOL 245. Formerly carried under the title of Introduction to Child Behavioral Problems as PSY 234.

Prerequisite(s): (PSY 131 (may be taken concurrently) and PSY 233 and PSY 330 and BIOL 143)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 437 Theories:Coun & Psychotheray (3 Credits)

This course reviews the various theoretical models of human behavior change that have influenced the development of schools of thought in the field of counseling and psychotherapy. The course covers major theories guiding treatment for problems of living and mental illness for psychodynamic, humanistic, existential, cognitive, and behavioral perspectives. Three hours of lecture.

Prerequisite(s): (PSY 131 and PSY 330 and PSY 433)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 439 Abnormal Child Psychology (3 Credits)

Behavioral Problems in Children (3) Survey of behavioral abnormalities in children with particular emphasis on types of social and emotional disorders. Three hours of lecture per week. Prerequisite: Consent of the instructor or Faculty Chair. Formerly listed as Behavioral Psychology under the same course designation.

Prerequisite(s): (PSY 131 and PSY 231 and PSY 433)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 461 Selected Topics In Psychology (3 Credits)

Selected Topics in Psychology (3) Seminar which focuses upon selected topics in the field of Psychology. Three hours of lecture per week. Prerequisite: Senior standing and the completion of at least twelve (12) semester credit hours in Psychology.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 463 Independent Study In Psy (3 Credits)

Independent Study in Psychology (3) Investigation of an area in Psychology and/or the conduction of a research project under the direction of a faculty member. Prerequisites: Senior standing and consent of the Faculty Chair.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

Philosophy Courses

PHIL 231 Introduction To Philosophy (3 Credits)

Introduction to Philosophy (3) Exploration of the methods and problems of philosophy through critical discussion and analysis of contemporary social and moral issues. Three hours of lecture per week. Listed as PHIL 1301 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

PHIL 431 Aesthetics (3 Credits)

Aesthetics (3) Critical examination of classical and contemporary aesthetic theories and their relevance for students' aesthetic experiences. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

Psychology Faculty

Moody, Jannis**Assistant Professor**

B.A., Grambling State University

M.A., California School of Professional Psychology

Ph.D., California School of Professional Psychology

Douglas, Denika**Assistant Professor**

B.A., Texas A&M University

Ph.D., University of Houston

Henderson, Floyd T.,**Instructor**

B.A., Texas Southern University

M.A., Texas Southern University

Psychology Minor

Students must first pass PSY 131 General Psychology with a grade of "B" or better. Subsequently, nineteen (19) semester credit hours are required through enrollment in six specified courses (credit values indicated) and one elective course to replace PSY 234 Basic Statistics if needed. The specified courses are as follows:

Code	Title	Hours
PSY 233	Life SpanDevelopmental Psychology	3
PSY 234	Basic Statistics	3
PSY 240	Learning and Behavior	4
PSY 338	Social Psychology	3
PSY 433	Abnormal Psychology	3
PSY 435	Psychology Of Personality	3
Total Hours		19

The elective courses may be selected from one of the following three-credit courses:

Code	Title	Hours
PSY 332	Indust and Organ Psychology	3
PSY 335	African American Psychology	3
PSY 336	Psychological Testing	3
PSY 436	Biological Psychology	3
PSY 437	Theories:Coun & Psychotheray	3
PSY 439	Abnormal Child Psychology	3
PSY 461	Selected Topics In Psychology	3
PSY 463	Independent Stdy In Psy	3

Students must earn grades of "C" or better in the six (6) courses constituting the minor. As is the case for the major in Psychology, minor courses completed by a Psychology Major in another academic discipline must be completed with grades of "C" or better, where grades of "C-" or below are unacceptable.

Psychology, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 238)		42
Major Requirements (p. 238)		40
Other Requirements (p. 238)		17
Minors (p. 239)		21
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 135	Mathematics for Business and Economic Analysis I	3
	or MATH 133 College Algebra	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
	or ART 135 Topics in Contemp Art & Cultur	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3

Social and Behavioral Sciences

Select one of the following:		3
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	

Institutional Options

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3

Total Hours **42**

- ¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.
- ² (N) represents the number of course credits.
- ³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Psychology)

Code	Title	Hours
PSY 131	General Psychology	3
PSY 233	Life SpanDevelopmental Psychology	3
PSY 234	Basic Statistics	3
PSY 236	Advanced Statistics	3
PSY 240	Learning and Behavior	4
PSY 330	Cognitivie Psychology	3
PSY 334	Research Methods	3
PSY 338	Social Psychology	3
PSY 433	Abnormal Psychology	3
PSY 435	Psychology Of Personality	3
PSY 436	Biological Psychology	3
Select six credits of upper-level electives:		6
PSY 332	Indust and Organ Psychology	
PSY 335	African American Psychology	
PSY 336	Psychological Testing	
PSY 437	Theories:Coun & Psychotheray	
PSY 439	Abnormal Child Psychology	
PSY 461	Selected Topics In Psychology	
PSY 463	Independent Stdy In Psy	
Total Hours		40

Other Requirements

Code	Title	Hours
MATH 138	Mathematics for Businessand Economics Analysis II	3
PE 1XX		1
PHIL 231	Introduction To Philosophy	3
Foreign Language		3
Foreign Language		3
3XX or 4XX Level Elective		3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		17

Minor

Code	Title	Hours
Contact department	of choice after being admitted as a psychology major by the department	21

Total Hours 21

Course	Title	Hours
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First Year

First Semester

ENG 131	Freshman English I	3
MATH 135 or MATH 133	Mathematics for Business and Economic Analysis I or College Algebra	3
BIOL 143	Survey of Life Science	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
PSY 131	General Psychology	3
FS 102	Freshman Seminar/ first Year Experience	1

Hours 16

Second Semester

ENG 132	Freshman English II	3
ART 135 or MUSI 239	Topics in Contemp Art & Cultur or Fine Arts In Daily Living	3
BIOL 135	Human Anat & Phys I	3
Select one of the following:		3
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
MATH 138	Mathematics for Businessand Economics Analysis II	3

Hours 15

Second Year

Third Semester

POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX		3
PSY 233	Life SpanDevelopmental Psychology	3
PSY 234	Basic Statistics	3

Hours 15

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
CS 116	Intro To Compr Science I	3
PSY 236	Advanced Statistics	3
PSY 240	Learning and Behavior	4

Hours 16

Third Year

Fifth Semester

PSY 330	Cognitvie Psychology	3
PSY 334	Research Methods	3
Minor		3
Minor		3

Foreign Language 3

Hours 15

Sixth Semester

PSY 338	Social Psychology	3
PSY 433	Abnormal Psychology	3
PSY 436	Biological Psychology	3
Minor		3
Foreign Language		3

Hours 15

Fourth Year

Seventh Semester

PHIL 231	Introduction To Philosophy	3
PSY 435	Psychology Of Personality	3
PE 1xx		1
Minor		3
Minor		3

Hours 13

Eighth Semester

Psychology Elective		3
Psychology Elective		3
Minor		3
Minor		3
3XX or 4XX Level Elective		3

Hours 15

Total Hours 120

Department of Social Work

The Department of Social Work offers courses in Social Work (SOCW) and the **Bachelor of Arts (B.A.) in Social Work**. The **B.A. in Social Work** is accredited by the Council on Social Work Education (CSWE). Unlike many of the departments offering undergraduate degrees at the University that allow students from other disciplines to declare minors therein, this unit does not allow the declaration of a minor in Social Work. Additionally, students pursuing the B.A. in Social Work are not required to declare a minor in a second academic discipline.

The mission of the Department of Social Work is to prepare students from diverse backgrounds for entry-level generalist professional social work practice with special attention to the complexities of the urban environment. This preparation, with its foundation in professional knowledge, values, and skills, emphasizes practice with individuals, families, groups, organizations, and communities, especially populations at risk. As reflected in the program goals below, these populations include, in particular, people of color (specifically African Americans) as well as other groups identified as most vulnerable to poverty, violence, disabilities, and economic and social inequities. Further emphasis is placed on the development of advocates for system and policy changes that promote social and economic justice given the challenges of urban settings and global conditions.

The baccalaureate Social Work Program expresses its commitment to social work's purpose, values and ethics throughout the various components of the curriculum wherein students are exposed to the values and ethical foundation consistent with that of the social work profession. The knowledge and skills acquired over the course of the

program are directly correlated to the CSWE's nine (9) Core Competencies as defined in the 2015 Educational Policy and Accreditation Standards.

The liberal arts perspective, social science cognates and social work courses (core and electives) provide opportunities to learn about and incorporate the ethical and value orientations necessary for effective practice. Faculty are fully aware of the necessity to introduce to students, nurture and facilitate the continual attention to the values and ethical positions of the profession to guide practice actions. Further instruction supports the professional commitment to continue contributing to the ongoing assessment of these perspectives. Each of the program goals addresses the purpose, values and ethics of the profession to some degree and is derived from its mission in order to:

1. Prepare students for entry-level generalist social work practice with client systems of all sizes and types, especially concerned with the complexities of urban settings.
2. Prepare students for practice with diverse populations, especially African Americans, other people of color, and populations at risk for social and economic inequities nationally and globally.
3. Prepare students with knowledge, values and skills for practice that will further develop the profession and promote just, more humane, and equitable service delivery.
4. Provide a comprehensive curriculum infused with values and ethics of the profession as a guide for social work practice.
5. Provide students with a strong educational foundation that fosters a commitment to continuous personal and professional development, and advanced training, especially for those who aspire to pursue graduate education.

Students wishing to pursue the undergraduate degree offered through the Department must first gain admission to the University, must satisfy all Texas Success Initiative (TSI) responsibility requirements and eradicate identified deficiencies, and must petition the Department for admission upon successful completion (C or better) of nine semester credit hours of specific social work courses (SOCW 145 Intro Social Welfare, SOCW 246 Social Legislation, and SOCW 340 Sem In Helping). Each student must be admitted by the Department, as a major, before attempting to meet all of the requirements for the degree. As social work is a profession, all pre-majors and majors must demonstrate professional demeanor and integrity in classroom work and field related activities. Students who engage in nonprofessional behaviors, including plagiarism, cheating, disrespectful communications etc. will be reported to the appropriate judicial offices on campus and may be counseled out of the major.

Interested students are asked to contact the Department Office during their freshman year in order to obtain admissions information and procedures. Students returning to the University following an absence of one long semester or more must gain departmental approval before enrolling in Social Work classes if the earned GPA is lower than 2.0. **No academic credit is given for prior life experiences.**

The overall Social Work major is structured to conform to a "Curriculum Guide" that is available for reference in the Social Work Department. This guide outlines the required sequence of courses that must be completed satisfactorily through the senior year. It also assures the preparedness of students for placement in field education in various community agencies.

A total of 53 credits is required in Social Work for completion of the B.A. degree, in which grades of "C" or better must be earned. Grades of "C-" are unacceptable in core Social Work courses and in cognate courses taken in psychology and sociology. A student who has two (2) unsatisfactory grades in a given core Social Work course will not be

permitted to re-enroll for a third time, until a formal, written, appeal to the department has been approved. Therefore, this student must meet with their faculty advisor for further academic guidance.

Social Work majors must complete ENG 131 Freshman English I and ENG 132 Freshman English II with a grade of C or better. No more than three grades below a "C" may be earned in all other courses. Where courses are part of a liberal arts content area, students may not earn consecutive grades of C- or below in the represented discipline. A grade below a "D" will not be accepted for credit. Transfer students may substitute FS 102 with any college level course to complete the total credit hours required for graduation by their degree plan.

Courses required during the senior year are organized into two blocks: **Block I (Fall semester only) and Block II (Spring semester only).** In order to proceed to Block, a minimum GPA of 2.5 must be accrued by the end of the junior year. All core and non-elective courses required through the junior year must be completed satisfactorily in order for students to progress to the senior year Block I and the required associated Block I Field Placement. Block I courses (SOCW 440 Generalist Practice I, SOCW 440L Generalist Practice Lab I, SOCW 443 Theories In Socw Prac, SOCW 444 Field Instructions I, SOCW 444S Fld Inst Sem I, and SOCW 450 Social Work Prac Res Eval) must be taken concurrently during the first half of the senior year. Students who receive a C- or below in more than one Block I course must petition the Department and receive approval to proceed to Block II. Students who earn a C- or lower in SOCW 440 Generalist Practice I, SOCW 440L Generalist Practice Lab I, SOCW 444 Field Instructions I will not be allowed to proceed to Block II.

Block II courses (SOCW 439 Social Welfare Policy, SOCW 441 Generalist Practice II, SOCW 441L Generalist Practice Lab II, SOCW 446 Field Instruction II, SOCW 446S Field Instruction Seminar II, and a SOCW elective, if applicable) must be taken concurrently during the second half of the senior year. An exit examination is required of graduating seniors. Please note: Social work majors who have criminal backgrounds are encouraged to complete a Professional Licensing and Certification Unit Criminal History Evaluation through the Texas State Board of Social Worker Examiners, to evaluate his/her criminal history to determine eligibility for *social work licensure* (see https://www.dshs.texas.gov/plc_cheval.shtm for more information). This notification is stated in compliance with the Texas Occupations Code, Chapter 53 (see <http://www.statutes.legis.state.tx.us/Docs/OC/htm/OC.53.htm>), effective September 1, 2017.

The Social Work major has specific entrance requirements that must be met before acceptance can be granted. In summary, interested students must first gain admission to the University; must meet all TSI responsibilities; must fulfill prerequisites referenced above; and must petition for admission to the Department. All students interested in Social Work are provided with extensive advisement to ensure proper progression toward graduation. For additional information, questions regarding the Social Work major, department location and parking may be directed to (713) 313-7783.

- Social Work, Bachelor of Arts (p. 242)

Social Work Courses

SOCW 145 Intro Social Welfare (3 Credits)

Introduction to Social Welfare (3) Introduction to representative fields, practices, agencies, services, and professional groups engaged in social welfare with particular emphasis on Social Work and required field experience. Three hours of lecture and four hours of laboratory/field experience per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 246 Social Legislation (3 Credits)

Social Welfare Legislation (3) Intensive examination and discussion of selected social legislation. Emphasis on the Social Security Act and other Acts closely related to social welfare services and social work. Required field experience. Three hours of lecture and four hours of laboratory/field experience per week. Prerequisite: SOCW 145.

Prerequisite(s): (SOCW 145 (may be taken concurrently))

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 314 SOCW (3 Credits)

Prerequisite(s): SOCW 145 and (SOCW 340 (may be taken concurrently))

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 333 Violence & Abuse In Fams (3 Credits)

Violence and Abuse in Families (3) Consideration of selected aspects of violence and abuse: patterns (wife, child), types (physical, emotional, sexual), theories of causation, manifestation, and social service programs. Three hours of lecture per week. Prerequisite: Junior standing.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 335 Serv Chldrn & Youth Inst Set (3 Credits)

Service to Children and Youth in Institutional Settings (3) Examines selected representative services for children and youth in terms of their programs, method of service delivery, and needs in settings other than the home. Three hours of lecture and two hours of laboratory/field experience per week. Prerequisite: Junior standing.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 340 Sem In Helping (3 Credits)

Seminar in Helping (3) Examination and discussion of motives, value orientations, and approaches used in helping with emphasis on self awareness, interviewing, observation, data management, and integration as key tools in the helping process. Three hours of lecture and two hours of laboratory/field experience per week. Prerequisite: SOCW 246 or consent of the instructor.

Prerequisite(s): (SOCW 246)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 342 Seminar on Aging (3 Credits)

Seminar on Aging (3) Introduction to the aged and aging process. Emphasis on the major concepts related to aging, associated critical issues, and social services. Three hours of lecture per week. Prerequisite: Junior standing.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 345 Human Behav Social Environ I (3 Credits)

Human Behavior in the Social Environment (for Health Related Majors ONLY) (3) Emphasis on wholistic approach to understanding human behavior across the lifespan for non-social work majors.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 346 Human Behavior in Soc Envirn I (3 Credits)

Human Behavior in the Social Environment (for Social Work Majors ONLY) (3) Integrated biological/psychological/sociological approach toward understanding the aspects of behavior. Examines the person-in-environment concept from the systems ecological perspective. Three hours of lecture and two hours of laboratory/field experience per week. Prerequisite: SOCW 145 and SOCW 246. Corequisite: Enrollment in SOCW 340 or consent of the instructor.

Prerequisite(s): (SOCW 145 and SOCW 246)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 347 Human Behav Social Environ II (3 Credits)

Human Behavior in the Social Environment II (3) Application of the theoretical framework of systems ecological perspective with emphasis upon families, groups, communities, and organizations. Examines issues of diversity, structure, and outcome of transactions between and within systems. Three hours of lecture and two hours of laboratory/field experience per week. Prerequisites: SOCW 340 and SOCW 346 or consent of the instructor.

Prerequisite(s): (SOCW 340 and SOCW 346)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 348 Social Work Communications (3 Credits)

Discussions and introductory practice opportunities for case recordings, interviewing, court reporting, information, referral and other required documentation skills. Prerequisite: Junior standing or consent of instructor. 3 credit hour per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 360 Research Design & Ethics for Generalist Social Work Practice (3 Credits)

the purpose of this course is to increase knowledge and skills in research in order to become competent in the major social work roles in research as generalist, evidence-based practitioners: Research consumers, contributing partners, and creators/disseminators of research. This is a three credit hour course. 3 credit hours per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 439 Social Welfare Policy (3 Credits)

Social Welfare Policy (3) Exploration and assessment of legislative/policy issues with reference to Social Work. Three hours of lecture per week. Prerequisite: Completion of Block I. Corequisite: Enrollment in Block II.

Prerequisite(s): (SOCW 440 and SOCW 443 and SOCW 450)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 440 Generalist Practice I (3 Credits)

Generalist Practice I (3) Micro level focuses on the integrated use of a knowledge/value approach for the development of generalist skills in providing interventive strategies of direct services to appropriate client systems. Three hours of lecture per week. Prerequisites: SOCW 340, SOCW 346, and SOCW 347. Corequisite: Enrollment in Block I.

Prerequisite(s): (SOCW 340 and SOCW 346 and SOCW 347)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 440L Generalist Practice Lab I (2 Credits)

Generalist Practice Laboratory I (2) Practice laboratory to accompany SOCW 440. Two hours of laboratory/field experience per week.

Prerequisite: Senior standing. Corequisite: Enrollment in Block I.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 441 Generalist Practice II (3 Credits)

Generalist Practice II (3) Builds upon skills, practice knowledge, and value base of generalist intervention with a primary focus on macro systems (families, groups, communities, and organizations). Three hours of lecture per week. Prerequisite: Completion of Block I. Corequisite: Enrollment in Block II.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 441L Generalist Practice Lab II (2 Credits)

Generalist Practice Laboratory II (2) Practice laboratory to accompany SOCW 441. Two hours of laboratory/field experience per week.

Prerequisite: Senior standing. Corequisite: Enrollment in Block II.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 442 Seminar in Dying and Death (3 Credits)

Seminar on Dying and Death (3) Examination of values and attitudes related to social services during terminal illness, death, and planning with survivors. Three hours of lecture per week. Prerequisite: Senior standing.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 443 Theories In Socw Prac (3 Credits)

Theories in Social Work Practice (3) Critical analysis and evaluation of major selected social work practice theories. Three hours of lecture per week. Prerequisite: Senior standing. Corequisite: Enrollment in Block I.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 444 Field Instructions I (4 Credits)

Field Instruction I (4) An educationally directed field placement for the development and utilization of professional social work practice skills.

Sixteen hours of laboratory/field experience per week. Prerequisite: Senior standing. Corequisites: Enrollment in Block I and SOCW 444S.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 444S Fld Inst Sem I (1 Credits)

Field Instruction Seminar I (1) Group discussion and integration of field practicum experiences. Accompanies SOCW 444. One hour of lecture per week. Corequisite: Enrollment in Block I.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 446 Field Instruction II (4 Credits)

Field Instruction II (4) Continuation of SOCW 444 with evaluation of practicum experience. Sixteen hours of laboratory/field experience per week. Prerequisite: Completion of Block I. Corequisite: Enrollment in Block II.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 446S Field Instruction Seminar II (1 Credits)

Field Instruction Seminar II (1) Continuation of SOCW 444S with discussion and integration of field practicum experience. Accompanies SOCW 446. One hour of lecture per week. Corequisite: Enrollment in Block II.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 447 Ind Study Soc Welfare (3 Credits)

Independent Study in Social Welfare (3) Selection of topics by students for study and analysis culminating in a paper suitable for publication.

Prerequisite: Senior standing or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 448 Top Sem In Social Welfare (3 Credits)

Topical Seminar in Social Welfare (3) Selected topics in social welfare and/or areas/topics normally not covered in published curricula. Three hours of laboratory/field experience or research per week. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

SOCW 450 Social Work Prac Res Eval (3 Credits)

Social Work Practice Research and Evaluation (3) Application of empirical measurements to determine the effectiveness of one's own practice and evaluation of practice skills, policy implementation, program service, and self assessment. Three hours of lecture and two hours of laboratory/field experience per week. Prerequisite: Senior standing. Corequisite: Enrollment in Block I.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Social Work

Social Work, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 242)	42
	Major Requirements (p. 243)	53
	Other Requirements (p. 243)	25
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		

MATH 132	Contemporary Mathematics I ³	3
or MATH 133	College Algebra	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
BIOL 135	Human Anat & Phys I	3
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
Institutional Option		3
Total Hours		42

¹ All social work majors and intended majors are required to receive advising from a departmental advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) indicates the number of course credits.

³ Students considering graduate school are strongly encouraged to take college Algebra (MATH 133 College Algebra)

⁴ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCNS: ENG 2332, ENG 2326, ENG 2326)

Major (Social Work)

Code	Title	Hours
SOCW 145	Intro Social Welfare	3
SOCW 246	Social Legislation	3
SOCW 314	SOCW	3
SOCW 340	Sem In Helping	3
SOCW 346	Human Behavior in Soc Environ I ¹	3
SOCW 347	Human Behav Social Environ II ¹	3
SOCW 360	Research Design & Ethics for Generalist Social Work Practice ¹	3
SOCW 439	Social Welfare Policy	3
SOCW 440	Generalist Practice I	3
SOCW 440L	Generalist Practice Lab I	2
SOCW 441	Generalist Practice II	3
SOCW 441L	Generalist Practice Lab II	2

SOCW 443	Theories In Socw Prac	3
SOCW 444	Field Instructions I	4
SOCW 444S	Fld Inst Sem I	1
SOCW 446	Field Instruction II	4
SOCW 446S	Field Instruction Seminar II	1
SOCW 450	Social Work Prac Res Eval	3
SOCW Electives		6
Total Hours		56

¹ SOCW 346 Human Behavior in Soc Environ I is only offered in the Fall of each academic year and must be completed with a "C" or better before enrollment in SOCW 347 Human Behav Social Environ II can occur. SOCW 347 Human Behav Social Environ II and SOCW 360 Research Design & Ethics for Generalist Social Work Practice are only offered in the Spring of each academic year and must be completed with a "C" or better before Senior Block I enrollment can occur.

Other Requirements

Code	Title	Hours
Select one of the following:		3
PSY 234	Basic Statistics	
SOC 354	Sociological Statistics	
MATH 231	Elementary Statistics	
FS 102	Freshman Seminar/ first Year Experience	1
SOC 158	Contemporary Social Issues	3
CS 116	Intro To Compr Science I	3
College Level Elective ¹		3
College Level Elective		3
PSY Elective		3
SOC Elective		3
Total Hours		22

¹ Free Electives must be College Level courses. Developmental courses are not allowed for this purpose.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 132	Contemporary Mathematics I	3
or MATH 133	or College Algebra	
BIOL 143	Survey of Life Science	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
SOCW 145	Intro Social Welfare	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
Approved Creative Arts		3
BIOL 135	Human Anat & Phys I	3
SOC 158	Contemporary Social Issues	3

CS 116	Intro To Compr Science I	3
Hours		15
Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX ¹		3
SOCW 246	Social Legislation	3
Sociology Elective		3
Hours		15
Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Institutional Option		3
PSY 131	General Psychology	3
College Level Elective		3
Hours		15
Third Year		
Fifth Semester		
Psychology Elective 2XX or higher		3
SOCW 340	Sem In Helping	3
SOCW 346	Human Behavior in Soc Environ I	3
SOCW 314	SOCW	3
Statistics ²		3
Hours		15
Sixth Semester		
Social Work Elective		3
Social Work Elective		3
SOCW 360	Research Design & Ethics for Generalist Social Work Practice	3
SOCW 347	Human Behav Social Environ II	3
College Level Elective		3
Hours		15
Fourth Year		
Seventh Semester		
SOCW 440	Generalist Practice I	3
SOCW 440L	Generalist Practice Lab I	2
SOCW 443	Theories In Socw Prac	3
SOCW 444	Field Instructions I	4
SOCW 444S	Fld Inst Sem I	1
SOCW 450	Social Work Prac Res Eval	3
Hours		16
Eighth Semester		
SOCW 441	Generalist Practice II	3
SOCW 441L	Generalist Practice Lab II	2
SOCW 439	Social Welfare Policy	3
SOCW 446	Field Instruction II	4
SOCW 446S	Field Instruction Seminar II	1
Hours		13
Total Hours		120

- ¹ Language, Philosophy & Culture: ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature
- ² Statistics: PSY 234 Basic Statistics, MATH 231 Elementary Statistics, or SOC 354 Sociological Statistics

Department of Sociology

Undergraduate Degree(s):

- Bachelor of Arts in Sociology (p. 247)

Minor(s):

- Sociology (p. 249)

Graduate Degree(s):

- Master of Arts in Sociology (Non-Thesis Option) (p. 497)
- Master of Arts in Sociology (Thesis Option) (p. 497)

The Department of Sociology offers coursework leading to two degrees: the Bachelor of Arts (B.A.) and Master of Arts (M.A.). A minor in Sociology is also offered for students pursuing undergraduate degrees in departments where they are required to declare a minor. Interested students may secure information from the Department of Sociology office located in the Barbara Jordan and Mickey Leland School of Public Affairs building.

Students interested in the Master of Arts Degree in Sociology should refer to the Graduate School Bulletin of Texas Southern University.

The mission of the Department of Sociology at Texas Southern University is to become a nationally recognized leader in the urban sociological training of students who will enter graduate/professional school or career oriented professions. Students are trained with a special emphasis on sociological theory, methodology, and the substantive areas of social inequality and urban sociology. The major in Sociology will, both orally and in written form, demonstrate how this discipline advances scientific knowledge, demonstrate an understanding of sociological theory and methodology, and be able to successfully complete a scientific research project. Within the curriculum, students will be challenged to develop their critical thinking skills, to utilize technology in the acquisition and analysis of data and to participate in service learning activities in the Houston metropolitan community.

Upon completing this program, the Sociology major will be able to demonstrate an understanding of the following:

1. The discipline of Sociology and its role in contributing to our understanding of social reality, such that the student will be able to:
 - a. describe how Sociology differs from and is similar to other social sciences;
 - b. describe how Sociology contributes to a liberal arts understanding of social reality; and
 - c. apply the sociological imagination, sociological principles and concepts to his/her own life.
2. The role of theory in Sociology, such that the student will be able to:
 - a. define theory and describe its role in building sociological knowledge;
 - b. compare and contrast basic theoretical orientations;
 - c. demonstrate how theories reflect the historical context of times and cultures in which they were developed; and

- d. describe and apply basic theories and theoretical orientations in at least one area of social reality.
3. The role of evidence and qualitative and quantitative methods in Sociology, such that the student will be able to:
 - a. identify basic methodological approaches and describe the general role of methods in building sociological knowledge;
 - b. compare and contrast the basic methodological approaches for gathering data;
 - c. design a research study and explain why various decisions are made; and
 - d. critically assess a published research report and explain how the study could have been improved.
4. The technical skills involved in retrieving information and data from the internet and using computers appropriately for data analysis. The Sociology major should also be able to do scientific technical writing that accurately conveys data findings and to demonstrate an understanding and application of principles of ethical practice as a sociologist.
5. In depth knowledge of at least two specialty areas within Sociology, such that the student will be able to:
 - a. summarize basic questions and issues in the areas;
 - b. compare and contrast basic theoretical orientations and middle range theories in the areas;
 - c. demonstrate how Sociology helps the understanding of the area;
 - d. summarize content research in the area; and
 - e. develop specific policy implications of research and theories in the areas.

The major in Sociology requires a total of thirty-six (36) semester credit hours in Sociology courses. Only grades of "C" or better are accepted (grades of "C-" are unacceptable). First-time degree seeking students pursuing this degree must declare a minor in a second academic discipline. Once admitted to the University, Sociology majors are assigned a faculty advisor who will advise them of the curriculum courses that are required to receive the B.A. degree in Sociology. The faculty advisor should be consulted in the selection of a required minor for the B.A. in Sociology. The Department of Sociology must have a current address and telephone number of each student pursuing the B.A. degree in Sociology. Students can be assured of the confidentiality of this information.

Students interested in seeking the undergraduate degree (B.A. in Sociology) or the Sociology minor must first gain admission to the University, satisfy admissions testing requirements, satisfy deficiencies assessed at the time of admission through the Office of Student Academic Success Services Center, and petition the Department for admission as test requirements are completed. Students must schedule at least two academic conferences per semester for course approval and status verification for progress toward graduation. In no case will students qualify for graduation at the undergraduate level with fewer than 120 semester credit hours satisfactorily completed. An exit examination is required of all Sociology candidates for the B.A. degree in Sociology. Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience with any college level course to complete the total credit hours required for graduation by their degree plan.

Minor in Sociology, [click here](#) (p. 249).

Sociology majors and all interested students are encouraged to become members of The Sociology Scholars Association and to participate in the Spring and Fall semester Sociology Lecture Seminars. The Department

of Sociology strives to enhance the student's college experience by providing the opportunity to develop leadership skills, participate in research oriented forums, strengthen interpersonal communication skills, and make contributions to the community by participating in service-oriented projects.

Alpha Kappa Delta (AKD) is an international academic Sociology honor society and an integral component of the Department of Sociology at Texas Southern University. The Honor Society's focus promotes the scientific study of society through research and service to mankind. The purpose of this honor society is to promote scholarship, both at the graduate and undergraduate levels. Sociology Faculty members are diligent in encouraging all sociology majors to excel in their academic studies. To become a member of AKD, a student must be an officially declared Sociology major or have a serious interest in Sociology within an official program of the University; has to have at least junior standing; have maintained a 3.0 in Sociology courses; has accumulated the equivalent of an overall grade point average of 3.0 on a four point scale and rank in the top 35% of their class in general scholarship; and has completed at least four regular courses in sociology prior to initiation.

In summary, interested students must first gain admission to the University, meet their admissions test responsibility, satisfy any deficiencies assessed at the time of admission, and petition the Department for admission. To ensure proper progression toward graduation students are required to seek advisement from department faculty. An exit examination is also required of graduating majors. For further information regarding the Sociology major or minor requirements contact the Department at (713) 313-7250.

- Sociology, Bachelor of Arts (p. 247)
- Sociology, Minor (p. 249)

Sociology Courses

SOC 101 Career Exploration -Awareness (0 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Liberal Arts & Behavioral Scie

SOC 141 Texas A Multi-Cultural State (3 Credits)

Texas: A Multicultural Society (3) Study of selected ethnic groups and their contributions to the development of Texas and the nation. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 157 Introduction To Sociology (3 Credits)

Introduction to Sociology (3) Presentation of basic concepts and processes in the sociological analysis of micro and macro socio-cultural systems. Three hours of lecture per week. Listed as SOCI 1301 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 158 Contemporary Social Issues (3 Credits)

Contemporary Social Issues (3) Selected current social issues discussed from the perspective of contemporary theories of social problems. Three hours of lecture per week. Listed as SOCI 1306 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 211 Social Adj To College (1 Credits)

Social Adjustment to College (1) Designed to help students develop the practical knowledge, skills, and attitudes essential for a successful and rewarding college experience. One hour of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 221 Soc Of Human Sexuality (3 Credits)

Sociology of Human Sexuality (3) Examination of the physiological, sociological, and psychological variables that influence human sexuality both within and outside the confines of the institution of marriage. Three hours of lecture per week. Listed as SOCI 2306 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 238 Introduction To Anthropology (3 Credits)

Introduction to Anthropology (3) General introduction to anthropology and the subdisciplines of anthropology, including a general introduction to the major topical areas within each anthropological subdiscipline. Three hours of lecture per week. Listed as ANTH 2346 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 254 Black Perspec In Soc (3 Credits)

Black Perspectives in Sociology / Ethnic Studies in Society (3) Presentation and discussion of the nature and character of society and the presence of ethnic groups within the social order. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 257 School Sociology (3 Credits)

School Sociology (3) Critical analysis of the character and nature of education in complex societies: relationship to political, economic, and cultural processes; impact on individual and community behavior and development; the learning process; and the classroom as a social system. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 322 Social Psy (3 Credits)

Social Psychology (3) Basic concepts of social psychology with emphasis on the interrelations among individuals, society, and its sociocultural subsystems. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 331 Sociology Of The Family (3 Credits)

Sociology of the Family (3) Presentation of theoretical perspectives that influence family studies and a discussion of the forces external and internal to the family that impact its structure, process, and function. Emphasis placed on Black families and the establishment and development of a family unit. Three hours of lecture per week. Prerequisite: SOC 157.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 335 Ethnic Groups In Society (3 Credits)

Ethnic Groups in Society (3) Presentation of the works and critical analysis of a variety of issues that concern the group life of African Americans. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 337 Urban Community Life (3 Credits)

Urban Community Life (3) Designed to take stock of the knowledge accumulated regarding the social and psychological consequences of community life. Examination of the historical background of cities and the three main sociological theories of urbanism with speculations about the urban future. Three hours of lecture per week. Prerequisite: SOC 322.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 344 Social Stratification (3 Credits)

Social Stratification (3) Examination of the various types of social stratification and their effects on human behavior and life chances. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 351 Criminology (3 Credits)

Criminology (3) Study of the causes of crime; the social, economic, and political context of the development of law; and the development of crime control strategies and penology. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 354 Sociological Statistics (3 Credits)

Sociological Statistics (3) Descriptive and simple inductive statistics, selected mathematical topics, and orientation to computer applications in the analysis of sociological data. Two hours of lecture and two hours of laboratory per week. Prerequisites: SOC 157 and SOC 158.

Prerequisite(s): (SOC 157 and SOC 158)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 357 Sociological Theory (3 Credits)

Sociological Theory (3) Study of selected social theories and their major contributions to the field of Sociology. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 359 Sociological Research (3 Credits)

Sociological Research (3) Study of quantitative and qualitative research techniques for data collection and analysis. Two hours of lecture and one hour of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 435 Juv Delinqu & Juv Just (3 Credits)

Juvenile Delinquency and Juvenile Justice (3) Discussion of the major theoretical notions which attempt to explain juvenile delinquency; the development of the juvenile justice system; and various strategies of delinquency, including diversion programs. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 438 Col Behavior & Social Movemt (3 Credits)

Collective Behavior and Social Movements (3) Study of human societies and culture. Emphasis placed on ethnographic anthropological research. Three hours of lecture per week. Prerequisite: SOC 238.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 450 Sem Methodology (3 Credits)

Seminar in Methodology (3) Consideration of the requirements specified by the scientific method and the hazards encountered when this method is not followed. Examination of common purpose of research, alternative research designs, sampling, and several techniques for collecting data. Three hours of lecture per week. Prerequisites: SOC 157, SOC 354, and SOC 359.

Prerequisite(s): (SOC 157 and SOC 354 and SOC 359)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 452 Sociology of Work (3 Credits)

Sociology of Work (3) Presentation and analysis of the social and cultural determinants of the experiences of Mexican-Americans in society. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 456 Independent Study (3 Credits)

Independent Study (3) Independent study in theoretical and applied sociology designed to allow juniors and seniors to work independently on topics of special interest not covered in depth in course offerings. Work may be done in a tutorial relationship with an individual faculty member or in a seminar. Prerequisites: SOC 357 and SOC 359.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 457 Seminar In Sociological Theory (3 Credits)

Seminar in Modern Sociological Theory (3) Critical analysis and evaluation of the major theoretical perspectives (structural functionalism; conflict Marxian; and symbolic interactionism, exchange, and ethnomethodology) that dominate the field of sociological explorations. Three hours of lecture per week. Prerequisites: SOC 157 and SOC 357.

Prerequisite(s): (SOC 157 and SOC 357)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 458 Sem Applications Sociology (3 Credits)

Applications of Sociology (3) Designed for seniors who will demonstrate their knowledge and skills in the discipline of sociology by developing a publishable work applying sociological knowledge and experience systematically to a specific social issue under the supervision of a faculty member. Prerequisites: SOC 157, SOC 354, and SOC 450.

Prerequisite(s): (SOC 157 and SOC 354 and SOC 450)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 460 Women in Society (3 Credits)

Women in Society (3) Examination of changing gender roles and the effects on the social and cultural status of women. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

Sociology, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 247)	42
	Major Requirements (p. 247)	36

Other Requirements (p. 248)	21
Minor (p. 248)	21
Total Hours	120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
GEOL 141	Introduction To The Earth	3
	or PHYS 101 Principles of Physics	
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 136	Music Appreciation	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
SOC 238	Introduction To Anthropology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
ENG 244	African-American Literature ⁴	3
	or PSY 131 General Psychology	
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ ENG 244 African-American Literature may only be used once in the curriculum

Major (Social Work)

Code	Title	Hours
SOC 157	Introduction To Sociology	3
SOC 158	Contemporary Social Issues	3
SOC 254	Black Perspec In Soc	3
SOC 221	Soc Of Human Sexuality	3
	or SOC 257 School Sociology	
SOC 354	Sociological Statistics	3

SOC 357	Sociological Theory	3
SOC 359	Sociological Research	3
SOC 450	Sem Methodology	3
SOC 457	Seminar In Sociological Theory	3
SOC 458	Sem Applications Sociology	3
300 or 400 Level SOC Elective		3
300 or 400 Level SOC Elective		3
Total Hours		36

Other Requirements

Code	Title	Hours
Foreign Language		6
ECON 231	Principles Of Economics I	3
MATH 135	Mathematics for Business and Economic Analysis I	3
SOC 141	Texas A Multi-Cultural State	3
HED 233	History & Principles of Health	2
Elective Courses		3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		21

Minor Requirements

Code	Title	Hours
Contact department of choice after being admitted as a sociology major by the department		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
BIOL 143	Survey of Life Science	3
Foreign Language		3
SOC 157	Introduction To Sociology	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
ENG 132	Freshman English II	3
GEOL 141	Introduction To The Earth	3
or PHYS 101	or Principles of Physics	
SOC 158	Contemporary Social Issues	3
MATH 135	Mathematics for Business and Economic Analysis I	3
Foreign Language		3
Hours		15

Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	

ENG 235	American Literature	
ENG 244	African-American Literature	
SOC 254	Black Perspec In Soc	3
ECON 231	Principles Of Economics I	3
HED 233	History & Principles of Health	2
Hours		17

Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
or PUBLIC ADDRESS		
PSY 131	General Psychology	3
or ENG 244	or African-American Literature	
SOC 141	Texas A Multi-Cultural State	3
MUSI 136	Music Appreciation	3
Hours		18

Third Year		
Fifth Semester		
SOC 354	Sociological Statistics	3
SOC 357	Sociological Theory	3
Minor Requirements		3
Minor Requirements		3
SOC 238	Introduction To Anthropology	3
Hours		15

Sixth Semester		
SOC 359	Sociological Research	3
SOC 457	Seminar In Sociological Theory	3
SOC 300 or 400 Level Elective		3
Minor Requirements		3
SOC 221	Soc Of Human Sexuality	3
or SOC 257	or School Sociology	
Hours		15

Fourth Year		
Seventh Semester		
Minor Requirements		3
Minor Requirements		3
Minor Requirements		3
SOC 450	Sem Methodology	3
Hours		12

Eighth Semester		
Elective		3
Minor Requirements		3
SOC 458	Sem Applications Sociology	3
SOC 300 or 400 Level Elective		3
Hours		12
Total Hours		120

Sociology, Minor

Department Prerequisites

Code	Title	Hours
SOC 157	Introduction To Sociology ¹	3
SOC 158	Contemporary Social Issues	3
Total Hours		6

¹ (N) represents the number of course credits

Code	Title	Hours
Required Courses		
SOC 254	Black Perspec In Soc	3
SOC 354	Sociological Statistics	3
SOC 357	Sociological Theory	3
SOC 359	Sociological Research	3
Required Sociology Electives		
200 Level		3
300 or 400 Level		3
300 or 400 Level		3
Total Hours		21

Students seeking the minor in Sociology, while pursuing undergraduate degrees in other departments, must earn grades of "C" or better (grades of "C-" are unacceptable) in all courses related to the Sociology minor.

Department of Visual and Performing Arts

The Department of Visual and Performing Arts (VPA) brings together two Liberal Arts disciplines devoted to creative endeavors at the University: Visual Arts and Theatre. The highly trained and professionally active Arts faculty offer studio, digital and education certification courses in Art, and technical and performing courses in Theatre. The Department offers two degrees, the **Bachelor of Arts (B.A.) Degree in Art** with concentrations in Art History/Art Education, Design/Printmaking, Drawing/Painting, or Ceramics/Sculpture and the **Bachelor of Arts (B.A.) Degree in Theatre** with concentrations in Performance or Technical. **Minors in both Art and Theatre** areas are offered for students pursuing undergraduate degrees in other departments and colleges. The John T. Biggers Art Center is home to the Visual Art Program. Dr. Biggers (noted muralist, painter and griot) founded the art program in 1948 and along with Professor Carroll Harris Simms (noted Ceramics & Sculpture Artist) built a unique visual arts curriculum. The Ollington Smith Playhouse is home to the Theatre Program. The Theatre Program was founded in 1974 by Professor Ollington Smith (noted Director and Playwright). Smith is credited with the development of a strong touring and performing arts program.

Undergraduate Degree(s):

- Bachelor of Arts in Art (Teacher Certification Concentration) (p. 254)
- Bachelor of Arts in Art (With Concentration and without minor) (p. 256)
- Bachelor of Arts in Art (Without Concentration) (p. 258)
- Bachelor of Arts in Theatre (with Performance Concentration) (p. 261)

- Bachelor of Arts in Theatre with Teacher Certification (p. 263)
- Bachelor of Arts in Theatre with Technical Concentration (p. 264)

Minor(s):

- Art (p. 260)
- Theatre (p. 262)
- Visual and Performing Arts (p. 266)

The Mission of the Department of Visual and Performing Arts

In a focused creative environment with instruction of the highest quality, Visual and Performing Arts students will be trained to become practicing arts professionals and educators. As Visual and Performing Arts students matriculate, creativity and intellectual curiosity will mature. Students develop the skill sets needed to be active local and global citizens in a rapidly changing world.

Curricular offerings are designed to provide a broad liberal arts education. Students are provided a strong undergraduate education upon which to base the pursuit of career opportunities, and advanced, or graduate study. Faculty members in the Department are committed to providing an educational environment where aspiring visual artists, performing artists, and creative craftsmen develop an understanding and mastery of critical inquiry techniques. All VPA students gain an appreciation of the cultural, historical, and educational values of the arts. The Department of Visual and Performing Arts is an environment where cultural awareness translates to the community and the larger global society.

Requirements for the B.A. in Art, and the B.A. in Theatre, as well as minors in each area offered through this unit, are summarized below with exact course requirements dependent upon the concentration, or minor selected. **All courses designated as either major or minor courses must be completed with grades of "C" or better. Grades of "C-" are unacceptable.** Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience with any college level course to complete the total credit hours required for graduation by their degree plan.

In considering requirements for one of the bachelor's degrees, or one of the minors, students must:

- first be admitted by the University;
- satisfy all placement testing requirements;
- eradicate deficiencies assessed through placement test scores;
- petition the Department for admission as placement requirements are completed;
- complete preliminary requirements established by the Department for majors.

Further admission and graduation requirements for the Department are considered below. An exit examination in the content area of study is required of all graduating seniors.

Individuals interested in seeking certification for teaching in the public or private schools of Texas in academic disciplines offered through the Department should contact the Teacher Certification Officer in the College of Education at Texas Southern University for application instructions.

In petitioning the Department for admission as either a major or minor, students are required to schedule a personal interview through the Department Office. At the time of interview, students are asked to either

present an art portfolio or perform an audition as part of the procedure for admission to the Department. Once admitted, Visual and Performing Arts majors are assigned a faculty advisor for continuous advisement. To ensure proper progression towards graduation VPA majors and minors are required to receive advisement at least once each semester. At the beginning of the senior year, students must meet the approval of a panel of faculty members prior to enrollment in courses related to final projects such as Senior exhibitions, and performances. An exit examination is required of all graduating seniors.

Majors are expected to maintain an overall GPA of 2.50 or better to remain in good standing and to keep the Department Office informed of current local addresses and telephone numbers. All majors should request that the Faculty Chair evaluate their transcripts during the first semester of their senior year to ascertain their graduation status and again just before applying for graduation.

For additional information, students should contact the Department Chair at (713) 313-7677, or the Department Office at (713) 313-7337.

- Art (Teacher Certification Concentration), Bachelor of Arts (p. 254)
- Art (With Concentration and without minor). Bachelor of Arts (p. 256)
- Art (Without Concentration), Bachelor of Arts (p. 258)
- Art Minor (p. 260)
- Theatre (with Performance Concentration), Bachelor of Arts (p. 261)
- Theatre Minor (p. 262)
- Theatre with Teacher Certification, Bachelor of Arts (p. 263)
- Theatre with Technical Concentration, Bachelor of Arts (p. 264)
- Visual and Performing Arts Minor (p. 266)

Art Courses

ART 130 Introduction to Visual Art (3 Credits)

Introduction to Visual Art (3) A three credit hour lecture course for the non-art major. The course surveys the visual fine arts by identifying the different kinds, the intended purpose and the artists who create them. Artists, artworks, and artistic styles are studied in an art historical and cultural context. Extra consideration includes artists and artworks on the Texas Southern University campus. Attention is also given to artworks concerning gender, political and cultural themes. Does not satisfy art major requirements. Listed as Arts 1301 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Science

Department: Visual & Performing Arts

ART 131 Drawing & Composition I (3 Credits)

Drawing and Composition I (3) Basic principles of drawing and composition using the elements and principles of art to provide opportunities for self-expression through the use of varied drawing media and subject matter. Six hours of laboratory per week. Listed as ARTS 1316 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Science

Department: Visual & Performing Arts

ART 132 Drawing & Composition II (3 Credits)

Drawing and Composition II (3) Continuation of ART 131 with emphasis on the human figure. Six hours of laboratory per week. Prerequisite: ART 131. Listed as ARTS 1317 in the Texas Common Course Numbering System.

Prerequisite(s): (ART 131)

College/School: Liberal Arts & Behavioral Science

Department: Visual & Performing Arts

ART 133 Creative Design I (3 Credits)

Creative Design I (3) Design fundamentals with emphasis on the nature of materials and color theory. Six hours of laboratory per week. Listed as ARTS 1311 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Science

Department: Visual & Performing Arts

ART 134 Creative Design II (3 Credits)

Creative Design II (3) Continuation of ART 133. Six hours of laboratory per week. Prerequisite: ART 133. Listed as ARTS 1312 in the Texas Common Course Numbering System.

Prerequisite(s): (ART 133)

College/School: Liberal Arts & Behavioral Science

Department: Visual & Performing Arts

ART 135 Topics in Contemp Art & Cultur (3 Credits)

Topics in Contemporary Art and Culture (3) Introduction to all visual art with special topics in contemporary art and their relationship to cultural issues. Basic elements of sculpture, painting, architecture, performance art, environmental art, computer art, and ceramics discussed and examined. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Science

Department: Visual & Performing Arts

ART 136 Ancient Art (3 Credits)

Ancient Art (3) Examination of world cultures through the art, architecture, and social systems which have helped to make them distinct. The art of Africa, Asia, Europe (before 500 A.D.), and the Americas examined. Three hours of lecture per week. Listed as ARTS 1303 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Science

Department: Visual & Performing Arts

ART 137 Intro African Art (3 Credits)

Introduction to African Art (3) Fundamentals of African art as related to the philosophies which developed the cultures of the Nile River, the Sahara, the Coastal Forest, and the Savannah. Royal court art, functional art, architecture, decorative adornment, and art as a symbol of rites of passage examined. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Science

Department: Visual & Performing Arts

ART 139 African-American Art & Culture (3 Credits)

African-American Art and Culture (3) Analysis of the roots of African-American creativity along with an examination of nineteenth century African-American artists and their relationship to Europe, the Harlem Renaissance, the Sixties, and the emergence of African-American artists in Texas. Three hours of lecture per week

College/School: Liberal Arts & Behavioral Science

Department: Visual & Performing Arts

ART 201 Art Seminar (1 Credits)

Art Seminar (0-1) Enrichment course for majors and minors to present their work for regular critiques. Enrichment and professional experiences presented by faculty and visiting artists. May be repeated for up to 3 semester credits earned. During freshman and sophomore years of enrollment, counted as 0 credit; during junior and senior years of enrollment, counted as 1 semester credit. One hour of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 202 Intermediate Drawing (3 Credits)

Intermediate Drawing (3) Enhancement and refinement of creative drawing expressions and techniques with an individual approach to subject matter. Six hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 231 Elementary Painting I (3 Credits)

Elementary Painting I (3) Basic painting techniques related to figure, still life, and landscape painting. Includes water color, tempera, and oil painting. Six hours of laboratory per week. Listed as ARTS 2316 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 232 Elementary Painting II (3 Credits)

Elementary Painting II (3) Continuation of ART 231. Six hours of laboratory per week. Prerequisite: ART 231. Listed as ARTS 2317 in the Texas Common Course Numbering System.

Prerequisite(s): (ART 231)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 233 Intro to Computer Genrtd Art (3 Credits)

Introduction to Computer Generated Art and Design (3) Broad range of graphic art, desktop publishing, and digital imaging software covered with a focus on combining basic computer techniques and design fundamentals. Use of the computer as a design tool for creating commercial and fine art applications emphasized. Six hours of laboratory per week. Prerequisites: ART 131, ART 133, and ART 134.

Prerequisite(s): (ART 131) and (ART 133) and (ART 134)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 234 Interm Computer Illus & Typogr (3 Credits)

Intermediate Computer Illustration and Typography (3) Intermediate course for students planning to become graphics professionals. Contemporary software packages used to explore what makes an effective layout and illustration. Six hours of laboratory per week. Prerequisite: ART 233.

Prerequisite(s): (ART 233)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 235 Medieval & Renaissance Art (3 Credits)

Medieval and Renaissance Art (3) Historical examination of the transition of art from the Medieval Period, where it was created communally resulting in cathedrals as places of worship and exchange, to the Renaissance Period, where the artist/patron relationship developed. Role of humanistic ideas in developing subject matter of the artists considered. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 236 Baroque & Modern Art (3 Credits)

Baroque and Modern Art (3) Examination of the challenge to surpass the Renaissance as expressed in the sometimes idiosyncratic stylizations of Baroque creativity as an appropriate prelude to the expansion of ideas, the restructuring of technique, and visual approach that defines the Modern Era. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 237 Ceramic Pottery I (3 Credits)

Ceramics and Pottery I (3) General ceramics and pottery course for beginners that includes hand-built and wheel-thrown objects. Six hours of laboratory per week. Listed as ARTS 2346 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 238 Ceramic Pottery II (3 Credits)

Ceramics and Pottery II (3) Continuation of ART 237. Six hours of laboratory per week. Prerequisite: ART 237. Listed as ARTS 2347 in the Texas Common Course Numbering System.

Prerequisite(s): (ART 237)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 303 Art Studio I (3 Credits)

Art Studio I (3) Independent study for junior level majors with a major advisor in a specialized area of research.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 304 Art Studio II (3 Credits)

Art Studio II (3) Continuation of ART 303. Prerequisite: ART 303.

Prerequisite(s): (ART 303)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 321 Life Sketch I (3 Credits)

Life Sketch I (3) Skillful representation of the human figure using the live model to represent various conditions of life. Individualized approaches using varied subject matter, media, and techniques emphasized. Six hours of laboratory per week. Prerequisite: Junior standing as art major.

Prerequisite(s): (ART 131 and ART 132 and ART 201)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 322 Life Sketch II (3 Credits)

Life Sketch II (3) Continuation of ART 321 emphasizing specific types of rendering expressions in various drawing media. An individual and creative approach required. Six hours of laboratory per week. Prerequisite: ART 321.

Prerequisite(s): (ART 321)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 326 Advanced Ceramics II (3 Credits)

Advanced Ceramics II (3) Continuation of ART 325. Six hours of laboratory per week. Prerequisite: ART 325.

Prerequisite(s): (ART 325)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 331 Sculpture I (3 Credits)

Sculpture I (3) Creative approach to three-dimensional sculpture, nature study, organic form, and structure in varied media. Six hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 332 Sculpture II (3 Credits)

Sculpture II (3) Continuation of ART 331. Six hours of laboratory per week. Prerequisite: ART 331.

Prerequisite(s): (ART 321)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 333 Digital Painting & Imaging (3 Credits)

Digital Painting and Imaging (3) Course in electronic illustration that examines the difference between structured drawing and bit-mapped or digital software programs. Image processing, electronic painting, image compositing, and color adjustment studied using contemporary software packages. Six hours of laboratory per week. Prerequisites: ART 233 and ART 234.

Prerequisite(s): (ART 233 and ART 234)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 334 Digital Imaging & Sequence Art (3 Credits)

Digital Imaging and Sequential Art (3) In-depth study of a specific area of interest in computer art as it relates to design, illustration, painting, or art history. Desktop video editing and two-dimensional animation techniques included. Students asked to develop individual projects. Six hours of laboratory per week. Prerequisite: ART 333.

Prerequisite(s): (ART 333)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 335 Intermediate Painting I (3 Credits)

Intermediate Painting I (3) Techniques related to acrylic and oil painting with emphasis on individual expression and experimentation with mixed media. Six hours of laboratory per week. Prerequisites: ART 131, ART 132, ART 231, and ART 232.

Prerequisite(s): (ART 131 and ART 132 and ART 231 and ART 232)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 336 Intermediate Painting II (3 Credits)

Intermediate Painting II (3) Continuation of ART 335. Six hours of laboratory per week. Prerequisite: ART 335.

Prerequisite(s): (ART 335)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 337 Printmaking I (3 Credits)

Printmaking I (3) Methods and materials used in producing black and white multiple edition prints from lithographic stones and metal plates. Six hours of laboratory per week.

Prerequisite(s): (ART 131 and ART 132)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 339 2-D Art and Artists (3 Credits)

Two-Dimensional Art and Artists (3) Current issues and research findings related to the application of studio methods and techniques for studying two-dimensional art and the artists recognized in the field. One hour of lecture and three hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 370 Studies in Art I (3 Credits)

Studies in Art I (3) General course for the study of simple, inexpensive art techniques that includes the psychology of creativity. Projects include drawing, painting, design, printmaking, and collage techniques. One hour of lecture and three hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 371 Studies in Art II (3 Credits)

Studies in Art II (3) General course for advanced art techniques which include the psychology of creativity. Projects include sculptured and craft techniques used by folk artists. One hour of lecture and three hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 372 Weaving I (3 Credits)

Weaving I (3) Design and craftsmanship in weaving on simple handmade table and floor looms. Six hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 373 Weaving II (3 Credits)

Weaving II / Textiles (3) Design study of the various textile production techniques. Six hours of laboratory per week. Prerequisite: Consent of the instructor.

Prerequisite(s): (ART 372)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 400 Exhibition (3 Credits)

Exhibition (3) Independent study course which requires public exhibition of a body of work that is required of all majors during their senior year. Students are responsible for the installation of exhibit, programs, invitations, photographic documentation, and a philosophical paper.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 401 Capstone Sem in Art (3 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 402 Ind Study in Art Research (3 Credits)

Independent Study in Art Research (3) Independent study in art history, including research and curating an art exhibition. May be repeated up to three enrollments. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 431 Advanced Drawing I (3 Credits)

Advanced Drawing I (3) Drawing techniques and composition, including interior perspective, foreshortening of live subjects and still life objects. Rendering techniques explored in depth. Three hours of laboratory per week. Prerequisite: ART 202. Offered as needed.

Prerequisite(s): (ART 202)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 432 Advanced Drawing (3 Credits)

Advanced Drawing II (3) Course utilizing African Art as the model for anatomical studies. Three hours of laboratory per week. Prerequisite: ART 431. Offered as needed.

Prerequisite(s): (ART 431 and ART 132 and ART 202)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 433 Advanced Painting (3 Credits)

Advanced Painting (3) Independent study course for students specializing in painting that explores all media related to painting.

Prerequisites: ART 335 and ART 336.

Prerequisite(s): (ART 335 and ART 336)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 434 Mural Painting (3 Credits)

Mural Painting (3) Independent study course in mural painting techniques. Prerequisites: ART 231 and ART 232.

Prerequisite(s): (ART 231 and ART 232)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 436 3-D Art & Artist II (3 Credits)

Three-Dimensional Art and Artists II (3) Studio techniques in three-dimensional art with emphasis on the study of noted artists in the field. One hour of lecture and three hours of laboratory per week. Prerequisite: ART 339. Offered as needed.

Prerequisite(s): (ART 339)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 439 Design & Illustration (3 Credits)

Design and Illustration (3) Study of studio production techniques, design elements, media choice, typography, and conceptual imagery. Six hours of laboratory per week. Prerequisites: ART 133, ART 134, ART 233, and ART 234.

Prerequisite(s): ART 133 and ART 134 and ART 233 and ART 234

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

ART 440 Screen Printing/Design (3 Credits)

Screen Printing / Design (3) Techniques used in screen-printing of numbered edition prints, fabrics, wallpaper, tiles, plastics, and other media with both fine art and industrial applications explored. Six hours of laboratory per week. Prerequisites: ART 133, ART 134, and ART 135.

Prerequisite(s): (ART 131 and ART 133 and ART 134 and ART 135)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

Theater Courses

THEA 111 Production Practicum (1 Credits)

Production Practicum (1) Supervised work in an area of technical theatre in support of the theatre season. Students repeat through 4 semesters.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 130 Introduction to Theatre (3 Credits)

Introduction to Theatre (3) Overview of the theatre -- its aesthetics, theory, history, and relationships to other elements of society. May be used to satisfy aesthetics requirement for the various undergraduate degrees offered through the University. Three hours of lecture per week. Listed as DRAM 1310 in the Texas Common Course Numbering System.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 151 Basic Technical Theatre (3 Credits)

Basic Technical Theatre (3) Overview of fundamental principles of scenery construction and rigging, makeup, lighting, and costume. Dismantling and storing of scenery also included. One hour of lecture and four hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 200 Independent Study: Lower Division (3 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 231 Elements of Acting (3 Credits)

Elements of Acting (Acting I) (3) Movement, voice, and character analysis. Three hours of lecture per week. Prerequisite: THE 130 or consent of the instructor. Listed as DRAM 1351 in the Texas Common Course Numbering System.

Prerequisite(s): (THEA 130)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 240 Oral Interpretation (3 Credits)

Emphasis on understanding literature through the study of meaning, imagery, mood, and theme. Analysis and development of techniques of presentation. Three hours of lecture per week. Prerequisite SC 140 or consent of the instructor.

Prerequisite(s): SC 140

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 251 Scene Design (3 Credits)

Scene Design I (3) Development of scenic design; principles of perspective and balance; types of scenery; painting and decorating scenery. One hour of lecture and four hours of laboratory per week.

Prerequisite(s): (THEA 151)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 331 Intermediate Acting (3 Credits)

Intermediate Acting (3) A continuation of self-discovery and script analysis, focused more directly toward developing the skills necessary to create characterization in monologues and scenes from contemporary plays. Prerequisite: THEA 231 Elements of Acting.

Prerequisite(s): (THEA 231)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 332 Playwriting (3 Credits)

Playwriting (3) Introduction to theory, form, and materials used in the art and craft of playwriting; analysis of plays and assignments in imaginative writing. Three hours of lecture per week. Prerequisite: THC 130 or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 334 Directing (3 Credits)

Play Directing (3) Study of the principles and techniques of play direction. Students must direct a one-act play. One hour of lecture and four hours of laboratory per week. Prerequisite: THC 231 or consent of the instructor.

Prerequisite(s): (THEA 231)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 337 History of Theatre (3 Credits)

History of Theatre I (3) Development of the theatre from the Greeks to the 17th century. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 338 History of Theatre II (3 Credits)

History of Theatre II (3) English and Continental theatre from the 17th century to the 20th century. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 339 African American Theatre (3 Credits)

African American Drama (3) Analytical study of selected Black playwrights and their plays from the past to the present. Emphasis on the influences on style, form, and content. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 341 Makeup (3 Credits)

Stage Makeup (3) Theory and practice of the design and application of makeup for stage, television, and film. Two hours of lecture and two hours of laboratory per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 351 Stage Lighting (3 Credits)

Stage Lighting (3) Introduction to the principles and practices of stage lighting design. Prerequisites: THEA 151

Prerequisite(s): (THEA 151)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 400 Independent Study: Upper Division (3 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 430 Musical Theatre (3 Credits)

Musical Theatre (3) Introduction to Musical Theatre. Providing instruction in basic techniques of singing, dancing, acting and audition techniques. Prerequisite: Consent of Instructor. Available to music majors.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 431 Styles of Acting (3 Credits)

Styles of Acting (3) Advanced training in character work, styles of acting, and performance with emphasis on individual acting problems. Three hours of lecture per week. Prerequisite: THC 231 or consent of the instructor.

Prerequisite(s): (THEA 231 and THEA 331)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 436 History of Costumes (3 Credits)

History of Costumes (3) An overview of historical periods of dress as they affect play production. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 438 Modern Drama (3 Credits)

Modern Drama (3) Literature of theatre from late 19th – 21st century, changes in style, and modern revolutionary patterns. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 450 Problems in Theatre (3 Credits)

Problems in Theatre / Cinema (3) Problems of current concern in theatre; topics vary according to time and instructor. May be repeated as topics change. Two hours of lecture and two hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 451 Adv Design and Tech (3 Credits)

Advanced Design and Technology (3) Guided projects in students area of interest including: Scenic Design, Lighting Design, Costume Design, and Technical Theatre. Prerequisites: THEA 251, THEA 351, or consent of the instructor.

Prerequisite(s): (THEA 251 and THEA 351)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 457 Creative Dramatics- Children (3 Credits)

Creative Dramatics for Children (3) Techniques employed in selecting, mounting, directing and presenting plays for children. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 458 Children's Theatre (3 Credits)

Children's Theatre (3) Students will receive training in working with children as they prepare to mount a theatre production that will be presented at the end of the course. Three hours of lab per week.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 491 Senior Project Theatre- Minors (3 Credits)

Senior Project for Theatre Minors (3) Design and production of one complete project in student's area of expertise. Includes activity point assessment. Six hours of laboratory per week. Open to minors only. Prerequisites: Graduating Senior standing and consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 497 Research Topics (3 Credits)

Research in Theatre Performance or Technical Theatre (3) Open to senior majors only. Prerequisites: Consent of the instructor and the Faculty Chair.

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 498 Theatre Internship (3 Credits)

Theatre Internship (3) Students complete internships at local professional theatres. Emphasis is on the development of professional practices and experiences. Open to senior majors only. Open to senior majors only. Prerequisites: THEA 497, consent of the instructor, and consent of the Faculty Chair.

Prerequisite(s): (THEA 497)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

THEA 499 Senior Project- Theatre Majors (3 Credits)

Senior Project for Theatre Majors (3) Senior project must be presented showcasing talent in either performance or technical theatre. Open to Graduating Senior majors only. Prerequisites: THEA 498, consent of the instructor, and consent of the Department Chair. The EXIT examination will be administered in this course.

Prerequisite(s): (THEA 497 and THEA 498)

College/School: Liberal Arts & Behavioral Scie

Department: Visual & Performing Arts

Art (Teacher Certification Concentration), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 255)	42
	Major Requirements (p. 255)	50
	Other Requirements (p. 255)	1
	Minors (p. 255)	30
	Total Hours	123

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
	Select one of the following:	3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
	Science Elective ³	3
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
ART 135	Topics in Contemp Art & Cultur	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
EDCI 210	Ins Tec	3
	Total Hours	42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ Life and Physical Science elective includes: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, PHYS 237 College Physics I, PHYS 238 College Physics II, PHYS 251 University Physics I

⁴ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCNS: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Art)

Code	Title	Hours
ART 131	Drawing & Composition I	3
ART 132	Drawing & Composition II	3
ART 133	Creative Design I	3
ART 134	Creative Design II	3
ART 201	Art Seminar (taken 8x)	2
ART 231	Elementary Painting I	3
ART 232	Elementary Painting II	3
ART 233	Intro to Computer Genrtd Art	3
ART 235	Medieval & Renaissance Art	3
ART 236	Baroque & Modern Art	3
ART 321	Life Sketch I	3
ART 322	Life Sketch II	3
ART 331	Sculpture I	3
ART 335	Intermediate Painting I	3
ART 337	Printmaking I	3
ART 400	Exhibition	3
ART 434	Mural Painting	3
	Total Hours	50

¹ In order to earn 4 credits in ART 201 Art Seminar, students must enroll in four times for 1 credit. In addition, it should be enrolled in four times for 0 credit and pass/fail grades only. Thus, ART 201 Art Seminar should be taken each semester for 8 semesters.

Other Requirements

Code	Title	Hours
FS 102	Freshman Seminar/ first Year Experience	1
	Total Hours	1

Minor Requirements

Code	Title	Hours
Enroll in the College of Education Certification program & art studies courses		
Certification		
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 339	Classrm Mngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
RDG 401	Div Pop	3
EDCI 468	DIR STU TCH ALL LEVELS	6
ART Studies/Certification		
ART 137	Intro African Art	3
ART 339	2-D Art and Artists	3
ART 370	Studies in Art I	3
	Total Hours	30

30 hours are required for professional certification in all level art education. Students must earn grades of "c" or higher in all courses, including the Core Curriculum.

Degree plan consists of 120 hours and 3 additional credit hours for completion of certification requirements.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 133	College Algebra	
MATH 134	Plane Trigonometry	
MATH 135	Mathematics for Business and Economic Analysis I	
CHEM 131 or BIOL 143	Chemistry I or Survey of Life Science	3
PSY 131	General Psychology	3
ART 131	Drawing & Composition I	3
ART 201	Art Seminar	
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
ART 135	Topics in Contemp Art & Cultur	3
Life Physical Science Option		3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
ART 132	Drawing & Composition II	3
ART 201	Art Seminar	
Hours		15
Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX		3
ART 133	Creative Design I	3
ART 201	Art Seminar	
ART 231	Elementary Painting I	3
Hours		15
Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
EDCI 210	Ins Tec	3
ART 134	Creative Design II	3
ART 201	Art Seminar	
ART 232	Elementary Painting II	3
Hours		15
Third Year		
Fifth Semester		
ART 201	Art Seminar	
ART 235	Medieval & Renaissance Art	3
ART 321	Life Sketch I	3
ART 331	Sculpture I	3
ART 434	Mural Painting	3

ART 339	2-D Art and Artists	3
Hours		15
Sixth Semester		
ART 201	Art Seminar	
ART 236	Baroque & Modern Art	3
ART 335	Intermediate Painting I	3
ART 337	Printmaking I	3
ART 322	Life Sketch II	3
ART 233	Intro to Computer Genrtd Art	3
Hours		15
Fourth Year		
Seventh Semester		
ART 201	Art Seminar	1
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
ART 370	Studies in Art I	3
ART 137	Intro African Art	3
Hours		13
Eighth Semester		
ART 201	Art Seminar	1
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
RDG 401	Div Pop	3
ART 400	Exhibition	3
Ninth Semester		
EDCI 468	DIR STU TCH ALL LEVELS	6
Hours		19
Total Hours		123

Art (With Concentration and without minor). Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p.)		42
Major Requirements (p. 257)		50
Other Requirements (p. 257)		7
Concentration (p. 257)		21
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3

MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Science Elective ³		3
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
ART 135	Topics in Contemp Art & Cultur	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Social and Behavioral Science Course ⁵		3
Institutional Options		
One additional course from the approved core curriculum courses ⁶		3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ Life and Physical Science elective includes: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, PHYS 237 College Physics I, PHYS 238 College Physics II, PHYS 251 University Physics I

⁴ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCNS: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁵ Social and Behavioral Science electives include: PSY 131 General Psychology, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology (TCCNS: PSYC 2301, SOCI 1301, SOCI 1306, SOCI 2306, and SOCI 2346).

⁶ Select from the: Math, Science, English, Fine Arts, or Social Science courses listed in the approved core curriculum courses.

Major (Art)

Code	Title	Hours
ART 131	Drawing & Composition I	3
ART 132	Drawing & Composition II	3
ART 133	Creative Design I	3
ART 134	Creative Design II	3
ART 201	Art Seminar ¹	2
ART 231	Elementary Painting I	3
ART 232	Elementary Painting II	3

ART 233	Intro to Computer Genrtd Art	3
ART 235	Medieval & Renaissance Art	3
ART 236	Baroque & Modern Art	3
ART 321	Life Sketch I	3
ART 322	Life Sketch II	3
ART 331	Sculpture I	3
ART 335	Intermediate Painting I	3
ART 337	Printmaking I	3
ART 400	Exhibition	3
ART 434	Mural Painting	3
Total Hours		50

¹ In order to earn 2 credits in ART 201 Art Seminar, students must enroll in two times for 1 credit. In addition, it should be enrolled in six times for 0 credit and pass/fail grades only. Thus, ART 201 Art Seminar should be taken each semester for 8 semesters.

Other Requirements

Code	Title	Hours
ART 137	Intro African Art	3
Select one of the following:		3
ART 139	African-American Art & Culture	
ART 237	Ceramic Pottery I	
ART 339	2-D Art and Artists	
ART 371	Studies in Art II	
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		7

Concentration Requirements

Code	Title	Hours
Select from one of the following sets (ART HISTORY/EDU):		21
ART 402	Ind Study in Art Research	
ART 339	2-D Art and Artists	
ART 370	Studies in Art I	
ART 436	3-D Art & Artist II	
Upper Elective		
Design/Printmaking		
ART 303	Art Studio I	
ART 336	Intermediate Painting II	
ART 431	Advanced Drawing I	
ART 432	Advanced Drawing	
ART 433	Advanced Painting	
Upper Elective		
Drawing/Painting		
ART 303	Art Studio I	
ART 336	Intermediate Painting II	
ART 431	Advanced Drawing I	
ART 432	Advanced Drawing	
ART 433	Advanced Painting	
Upper Elective		
Ceramics/Sculpture		
ART 237	Ceramic Pottery I	
ART 238	Ceramic Pottery II	

ART 303	Art Studio I	
ART 332	Sculpture II	
ART 433	Advanced Painting	
Upper Elective		
Total Hours		21
Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
or	or College Algebra	
MATH 133		
MATH 135	Mathematics for Business and Economic Analysis I	
or		
MATH 136	or Precalculus Math	
CHEM 131	Chemistry I	3
or BIOL 143	or Survey of Life Science	
ART 201	Art Seminar	
Social & Behavioral Sciences Area		3
ART 131	Drawing & Composition I	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
ART 135	Topics in Contemp Art & Cultur	3
Life Physical Science Option		3
ART 201	Art Seminar	
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
ART 132	Drawing & Composition II	3
Hours		15
Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX		3
ART 133	Creative Design I	3
ART 231	Elementary Painting I	3
ART 201	Art Seminar	
Hours		15
Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Institutional Option		3
ART 134	Creative Design II	3
ART 232	Elementary Painting II	3
ART 201	Art Seminar	
Hours		15

Third Year**Fifth Semester**

ART 201	Art Seminar	
ART 235	Medieval & Renaissance Art	3
ART 321	Life Sketch I	3
ART 331	Sculpture I	3
ART 434	Mural Painting	3
ART 137	Intro African Art	3
Hours		15

Sixth Semester

ART 201	Art Seminar	
ART 236	Baroque & Modern Art	3
ART 322	Life Sketch II	3
ART 335	Intermediate Painting I	3
ART 337	Printmaking I	3
ART 233	Intro to Computer Genrtd Art	3
Hours		15

Fourth Year**Seventh Semester**

Major		0
Select one of the following:		3
ART 139	African-American Art & Culture	
ART 237	Ceramic Pottery I	
ART 371	Studies in Art II	
ART 339	2-D Art and Artists	
ART 201	Art Seminar	1
Concentration Requirement		3
Concentration Requirement		3
Concentration Requirement		3
Hours		13

Eighth Semester

ART 201	Art Seminar	1
Concentration Requirement		3
Concentration Requirement		3
Concentration Requirement		3
Concentration Requirement		3
Major		3
ART 400	Exhibition	
Hours		16
Total Hours		120

Art (Without Concentration), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 259)	42
	Major Requirements (p. 259)	50

Other Requirements (p. 259)	7
Minors (p. 259)	21
Total Hours	120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Science Elective ³		3
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
ART 135	Topics in Contemp Art & Cultur	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Social and Behavioral Science Course ⁵		3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
One course from the approved core curriculum courses ⁶		3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ Life and Physical Science elective includes: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, PHYS 237 College Physics I, PHYS 238 College Physics II, PHYS 251 University Physics I

⁴ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCNS: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁵ Social and Behavioral Science electives include: PSY 131 General Psychology, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology (TCCNS: PSYC 2301, SOCI 1301, SOCI 1306, SOCI 2306, and SOCI 2346).

⁶ Select from the: Math, Science, English, Fine Arts, or Social Science courses listed in the approved core curriculum courses.

Major (Art)

Code	Title	Hours
ART 131	Drawing & Composition I	3
ART 132	Drawing & Composition II	3
ART 133	Creative Design I	3
ART 134	Creative Design II	3
ART 201	Art Seminar ¹	2
ART 231	Elementary Painting I	3
ART 232	Elementary Painting II	3
ART 233	Intro to Computer Genrtd Art	3
ART 235	Medieval & Renaissance Art	3
ART 236	Baroque & Modern Art	3
ART 321	Life Sketch I	3
ART 322	Life Sketch II	3
ART 331	Sculpture I	3
ART 335	Intermediate Painting I	3
ART 337	Printmaking I	3
ART 400	Exhibition	3
ART 434	Mural Painting	3
Total Hours		50

¹ In order to earn 2 credits in ART 201 Art Seminar, students must enroll in two times for 1 credit. In addition, it should be enrolled in six times for 0 credit and pass/fail grades only. Thus, ART 201 Art Seminar should be taken each semester for 8 semesters.

Other Requirements

Code	Title	Hours
ART 137	Intro African Art	3
Select one of the following:		3
ART 139	African-American Art & Culture	
ART 237	Ceramic Pottery I	
ART 339	2-D Art and Artists	
ART 371	Studies in Art II	
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		7

Minor Requirements

Code	Title	Hours
Contact department of choice after being admitted as an Art major and after being advised by the major advisor.		21
Total Hours		21
Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3

MATH 132	Contemporary Mathematics I	
or	or College Algebra	
MATH 133		
MATH 135	Mathematics for Business and Economic	
or	Analysis I	
MATH 136	or Precalculus Math	
CHEM 131	Chemistry I	3
or BIOL 143	or Survey of Life Science	
Social and Behavioral Sciences Option		3
ART 131	Drawing & Composition I	3
ART 201	Art Seminar	
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
ART 135	Topics in Contemp Art & Cultur	3
Life Physical Science Option		3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
ART 132	Drawing & Composition II	3
ART 201	Art Seminar	
Hours		15
Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX		3
ART 133	Creative Design I	3
ART 231	Elementary Painting I	3
ART 201	Art Seminar	
Hours		15
Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Institutional Option		3
ART 134	Creative Design II	3
ART 232	Elementary Painting II	3
ART 201	Art Seminar	
Hours		15
Third Year		
Fifth Semester		
ART 201	Art Seminar	
ART 235	Medieval & Renaissance Art	3
ART 321	Life Sketch I	3
ART 331	Sculpture I	3
ART 434	Mural Painting	3
ART 137	Intro African Art	3
Hours		15
Sixth Semester		
ART 201	Art Seminar	
ART 236	Baroque & Modern Art	3
ART 322	Life Sketch II	3

ART 335	Intermediate Painting I	3
ART 337	Printmaking I	3
ART 233	Intro to Computer Genrtd Art	3
Hours		15
Fourth Year		
Seventh Semester		
ART 201	Art Seminar	1
Minor Requirements		3
Minor Requirements		3
Minor Requirements		3
Major		
Select one of the following:		3
ART 139	African-American Art & Culture	
ART 237	Ceramic Pottery I	
ART 339	2-D Art and Artists	
ART 371	Studies in Art II	
Hours		13
Eighth Semester		
ART 201	Art Seminar	1
Minor Requirements		3
Minor Requirements		3
Minor Requirements		3
Minor Requirements		3
Major		
ART 400	Exhibition	3
Hours		16
Total Hours		120

Art Minor

Code	Title	Hours
Required Courses		
ART 131	Drawing & Composition I	3
ART 133	Creative Design I	3
ART 201	Art Seminar	
Select one of the following art history courses:		3
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
ART 139	African-American Art & Culture	
ART 235	Medieval & Renaissance Art	
ART 236	Baroque & Modern Art	
ART 231	Elementary Painting I	3
Upper Level Electives		
Select nine credits from the following:		9
ART 339	2-D Art and Artists	
ART 370	Studies in Art I	
ART 371	Studies in Art II	
ART 331	Sculpture I	
ART 337	Printmaking I	
ART 402	Ind Study in Art Research	
ART 339	2-D Art and Artists	

ART 436 3-D Art & Artist II

Total Hours 21

Theatre (with Performance Concentration), Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 261)	42
	Major Requirements (p. 261)	48
	Other Requirements (p. 261)	7
	Performance Concentration (p. 261)	24
Total Hours		121

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 132	Contemporary Mathematics I ³	3
	or MATH 133 College Algebra	
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Select one of the following: 3		
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
PHYS 237	College Physics I	
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
Select one of the following: 3		
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
	or SOC 157 Introduction To Sociology	
Institutional Options		

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I ⁵	3
Total Hours		42

- Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.
- (N) represents the number of course credits.
- Students considering graduate school are strongly encouraged to take MATH 133 College Algebra
- ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCNS: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)
- Or one course from Math, Science, English, Fine Arts, or Social Science courses from the approved Core Curriculum courses.
- Approved electives for Performance Concentration include: THEA 430 Musical Theatre, THEA 436 History of Costumes, THEA 450 Problems in Theatre, THEA 451 Adv Design and Tech, THEA 457 Creative Dramatics- Children, and THEA 458 Children's Theatre.

Major (Theater)

Code	Title	Hours
THEA 111	Production Practicum (X3)	3
THEA 130	Introduction to Theatre	3
THEA 151	Basic Technical Theatre	3
THEA 231	Elements of Acting	3
THEA 240	Oral Intrepretation	3
THEA 251	Scene Design	3
THEA 332	Playwriting	3
THEA 334	Directing	3
THEA 337	History of Theatre	3
THEA 338	History of Theatre II	3
THEA 339	African American Theatre	3
THEA 341	Makeup	3
THEA 351	Stage Lighting	3
THEA 438	Modern Drama	3
THEA 498	Theatre Internship	3
THEA 499	Senior Project- Theatre Majors	3
Total Hours		48

Other Requirements

Code	Title	Hours
Foreign Language		6
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		7

Performance Concentration Requirements

Code	Title	Hours
COMM 136	PUBLIC ADDRESS	3
THEA 331	Intermediate Acting	3
THEA 431	Styles of Acting	3
PE 108	Modern Dance I	1
MUSI 173	Voice Class I	1

MUSI 174	Class Voice II	1
Approved Electives ¹		12
Total Hours		24

¹ Approved electives for Performance Concentration include: THEA 430 Musical Theatre, THEA 436 History of Costumes, THEA 450 Problems in Theatre, THEA 451 Adv Design and Tech, THEA 457 Creative Dramatics- Children, and THEA 458 Children's Theatre.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
Select one of the following:		3
MATH 132	Contemporary Mathematics I	
MATH 133	College Algebra	
BIOL 143	Survey of Life Science	3
or CHEM 131	or Chemistry I	
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
THEA 151	Basic Technical Theatre	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
ENG 132	Freshman English II	3
THEA 130	Introduction to Theatre	3
Select one of the following:		3
BIOL 135	Human Anat & Phys I	
CHEM 132	Chemistry II	
PHYS 237	College Physics I	
PSY 131	General Psychology	3
or SOC 157	or Introduction To Sociology	
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
Hours		15

Second Year

Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX ³		3
COMM 136	PUBLIC ADDRESS	3
THEA 231	Elements of Acting	3
Hours		15

Fourth Semester

POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
CS 116	Intro To Compr Science I (or any other institutional option)	3
THEA 251	Scene Design	3
THEA 240	Oral Intrepretation	3

THEA 111	Production Practicum	1
Hours		16

Third Year

Fifth Semester		
THEA 332	Playwriting	3
THEA 337	History of Theatre	3
Approved elective ¹		3
MUSI 173	Voice Class I	1
Foreign Language		3
THEA 111	Production Practicum	1
PE 108	Modern Dance I	1
Hours		15

Sixth Semester

THEA 331	Intermediate Acting	3
THEA 338	History of Theatre II	3
Approved elective ¹		3
MUSI 174	Class Voice II	1
Foreign Language		3
THEA 111	Production Practicum	1
Hours		14

Fourth Year

Seventh Semester		
Approved Elective ¹		3
THEA 339	African American Theatre	3
THEA 351	Stage Lighting	3
THEA 341	Makeup	3
THEA 498	Theatre Internship	3
Hours		15

Eighth Semester

THEA 334	Directing	3
Approved Elective ¹		3
THEA 431	Styles of Acting	3
THEA 438	Modern Drama	3
THEA 499	Senior Project- Theatre Majors	3
Hours		15
Total Hours		121

¹ Approved electives for Performance Concentration include: THEA 430 Musical Theatre, THEA 436 History of Costumes, THEA 450 Problems in Theatre, THEA 451 Adv Design and Tech, THEA 457 Creative Dramatics- Children, and THEA 458 Children's Theatre.

Theatre Minor

Code	Title	Hours
THEA 130	Introduction to Theatre	3
THEA 151	Basic Technical Theatre	3
THEA 231	Elements of Acting	3
THEA 337	History of Theatre	3
or THEA 338	History of Theatre II	
THEA 491	Senior Project Theatre- Minors	3
Approved Elective ¹		3

Approved Elective ¹	3
Total Hours	21

¹ Approved Electives include: THEA 331 Intermediate Acting, THEA 332 Playwriting, THEA 334 Directing, THEA 337 History of Theatre or THEA 338 History of Theatre II, THEA 339 African American Theatre, THEA 341 Makeup, THEA 351 Stage Lighting, THEA 430 Musical Theatre, THEA 431 Styles of Acting, THEA 436 History of Costumes, THEA 438 Modern Drama, THEA 450 Problems in Theatre, THEA 451 Adv Design and Tech, THEA 457 Creative Dramatics- Children, THEA 458 Children's Theatre.

Theatre with Teacher Certification, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 263)	42
	Major Requirements (p. 263)	48
	Other Requirements (p. 263)	7
	Performance Concentration (p. 263)	24
Total Hours		121

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 132	Contemporary Mathematics I ³	3
	or MATH 133 College Algebra	
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
Select one of the following: 3		
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
PHYS 237	College Physics I	
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
Select one of the following: 3		
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3

HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
EDCI 210	Ins Tec	3
Total Hours		42

- ¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.
- ² (N) represents the number of course credits.
- ³ Students considering graduate school are strongly encouraged to take MATH 133 College Algebra
- ⁴ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature (TCCNS: ENGL 2332, ENGL 2333, ENGL 2326)
- ⁵ Approved electives for Performance Concentration include: THEA 430 Musical Theatre, THEA 457 Creative Dramatics- Children, and THEA 458 Children's Theatre.

Major (Theater)

Code	Title	Hours
THEA 111	Production Practicum (X3)	3
THEA 130	Introduction to Theatre	3
THEA 151	Basic Technical Theatre	3
THEA 231	Elements of Acting	3
THEA 240	Oral Intrepretation	3
THEA 251	Scene Design	3
THEA 332	Playwriting	3
THEA 334	Directing	3
THEA 337	History of Theatre	3
THEA 338	History of Theatre II	3
THEA 339	African American Theatre	3
THEA 341	Makeup	3
THEA 351	Stage Lighting	3
THEA 438	Modern Drama	3
THEA 498	Theatre Internship	3
THEA 499	Senior Project- Theatre Majors	3
Total Hours		48

Other Requirements

Code	Title	Hours
	Foreign Language	6
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		7

Performance Concentration Requirements

Code	Title	Hours
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3

EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 458	Seminar in Teaching	3
EDCI 468	DIR STU TCH ALL LEVELS	6
Approved Elective ¹		3
Total Hours		24

¹ Approved electives for Teacher Certification Concentration include: THEA 430 Musical Theatre, THEA 457 Creative Dramatics- Children, and THEA 458 Children's Theatre.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 132 or MATH 133	Contemporary Mathematics I or College Algebra	3
BIOL 143 or CHEM 131	Survey of Life Science or Chemistry I	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
THEA 151	Basic Technical Theatre	3
FS 102	Freshman Seminar/ first Year Experience	1
	Hours	16

Second Semester		
ENG 132	Freshman English II	3
THEA 130	Introduction to Theatre	3
Select one of the following:		3
BIOL 135	Human Anat & Phys I	
CHEM 132	Chemistry II	
PHYS 237	College Physics I	
PSY 131	General Psychology	3
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
	Hours	15

Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 23X		3
THEA 231	Elements of Acting	3
Foreign Language		3
	Hours	15

Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
EDCI 210	Ins Tec	3
Foreign Language		3
THEA 240	Oral Intrepretation	3

THEA 111	Production Practicum	1
	Hours	16

Third Year**Fifth Semester**

THEA 332	Playwriting	3
THEA 337	History of Theatre	3
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 339	Classrm Mngt	3
THEA 341	Makeup	3
THEA 111	Production Practicum	1
	Hours	16

Sixth Semester

THEA 251	Scene Design	3
THEA 338	History of Theatre II	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 350	Desgng & Implg Inst/Assessment	3
THEA 438	Modern Drama	3
THEA 111	Production Practicum	1
	Hours	16

Fourth Year**Seventh Semester**

EDCI 458	Seminar in Teaching	3
THEA 339	African American Theatre	3
THEA 351	Stage Lighting	3
THEA 334	Directing	3
THEA 498	Theatre Internship	3
	Hours	15

Eighth Semester

EDCI 468	DIR STU TCH ALL LEVELS	6
Approved Elective ¹		3
THEA 499	Senior Project- Theatre Majors	3
	Hours	12
	Total Hours	121

¹ Approved electives for Teacher Certification Concentration include: THEA 430 Musical Theatre, THEA 457 Creative Dramatics- Children, and THEA 458 Children's Theatre.

Theatre with Technical Concentration, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 265)	42
	Major Requirements (p. 265)	48
	Other Requirements (p. 265)	7
	Theatre Concentration (p. 265)	24
	Total Hours	121

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 132 or MATH 133	Contemporary Mathematics I ³ College Algebra	3
Life and Physical Sciences		
CHEM 131 or BIOL 143	Chemistry I Survey of Life Science	3
Select one of the following: 3		
CHEM 132	Chemistry II	
BIOL 135	Human Anat & Phys I	
PHYS 237	College Physics I	
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
Select one of the following: 3		
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131 or SOC 157	General Psychology Introduction To Sociology	3
Institutional Options		
CS 116	Intro To Compr Science I ⁵	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION PUBLIC ADDRESS	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ Students considering graduate school are strongly encouraged to take MATH 133 College Algebra

⁴ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, ENG 244 African-American Literature (TCCNS: ENGL 2332, ENGL 2333, ENGL 2326)

⁵ Or one additional course from Math, Science, English, Fine Arts, or Social Science courses listed above.

Major (Theater)

Code	Title	Hours
THEA 111	Production Practicum (X3)	3
THEA 130	Introduction to Theatre	3
THEA 151	Basic Technical Theatre	3
THEA 231	Elements of Acting	3
THEA 240	Oral Intrepretation	3
THEA 251	Scene Design	3
THEA 332	Playwriting	3
THEA 334	Directing	3
THEA 337	History of Theatre	3
THEA 338	History of Theatre II	3
THEA 339	African American Theatre	3
THEA 341	Makeup	3
THEA 351	Stage Lighting	3
THEA 438	Modern Drama	3
THEA 498	Theatre Internship	3
THEA 499	Senior Project- Theatre Majors	3
Total Hours		48

Other Requirements

Code	Title	Hours
Foreign Language		6
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		7

Theater Concentration Requirements

Code	Title	Hours
ART 131	Drawing & Composition I	3
ART 231	Elementary Painting I	3
THEA 436	History of Costumes	3
THEA 451	Adv Design and Tech	3
Approved Electives ¹		12
Total Hours		24

¹ Approved electives for Technical Theatre Concentration include: THEA 331 Intermediate Acting, THEA 430 Musical Theatre, THEA 431 Styles of Acting, THEA 450 Problems in Theatre, THEA 457 Creative Dramatics- Children, and THEA 458 Children's Theatre.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 132 or MATH 133	Contemporary Mathematics I or College Algebra	3
BIOL 143 or CHEM 131	Survey of Life Science or Chemistry I	3
THEA 151	Basic Technical Theatre	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3

FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
THEA 130	Introduction to Theatre	3
Select one of the following:		3
BIOL 135	Human Anat & Phys I	
CHEM 132	Chemistry II	
PHYS 237	College Physics I	
PSY 131	General Psychology	3
or SOC 157	or Introduction To Sociology	
Select one of the following:		3
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
Hours		15
Second Year		
Third Semester		
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX ¹		3
ART 131	Drawing & Composition I	3
THEA 231	Elements of Acting	3
Hours		15
Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
CS 116	Intro To Compr Science I (or any other institutional option)	3
THEA 251	Scene Design	3
THEA 240	Oral Intrepretation	3
THEA 111	Production Practicum	1
Hours		16
Third Year		
Fifth Semester		
THEA 332	Playwriting	3
THEA 337	History of Theatre	3
Approved elective ²		3
ART 231	Elementary Painting I	3
Foreign Language		3
THEA 111	Production Practicum	1
Hours		16
Sixth Semester		
Approved Elective ²		3
THEA 338	History of Theatre II	3
Foreign Language		3
THEA 351	Stage Lighting	3
THEA 111	Production Practicum	1
Hours		13

Fourth Year**Seventh Semester**

Approved Elective ²		3
THEA 339	African American Theatre	3
THEA 436	History of Costumes	3
THEA 341	Makeup	3
THEA 498	Theatre Internship	3
Hours		15

Eighth Semester

THEA 334	Directing	3
Approved Elective ²		3
THEA 451	Adv Design and Tech	3
THEA 438	Modern Drama	3
THEA 499	Senior Project- Theatre Majors	3
Hours		15
Total Hours		121

¹ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, OR ENG 244 African-American Literature

² Approved electives for Technical Theatre Concentration include: THEA 331 Intermediate Acting, THEA 430 Musical Theatre, THEA 431 Styles of Acting, THEA 450 Problems in Theatre, THEA 457 Creative Dramatics- Children, and THEA 458 Children's Theatre

Visual and Performing Arts Minor

Code	Title	Hours
Required Courses		
ART 131	Drawing & Composition I	3
ART 133	Creative Design I	3
ART 201	Art Seminar	1
Select one of the following:		3
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
ART 139	African-American Art & Culture	
ART 235	Medieval & Renaissance Art	
ART 236	Baroque & Modern Art	
Upper Level Electives		
THEA 130	Introduction to Theatre	3
THEA 231	Elements of Acting	3
THEA 337	History of Theatre	3
or THEA 338	History of Theatre II	
THEA 438	Modern Drama	3
Total Hours		22

Barbara Jordan - Mickey Leland School of Public Affairs

An extensive set of curricular offerings is provided through the Barbara Jordan – Mickey Leland School of Public Affairs (BJML) that includes undergraduate courses in Administration of Justice (AJ), Political Science (POLS), Public Affairs (PA), and Emergency Management and Homeland Security (EMHS).

From these offerings, students can earn up to four undergraduate degrees:

- Bachelor of Science (B.S.) in Administration of Justice (p. 275)
- Bachelor of Arts (B.A.) in Political Science (p. 286)
- Bachelor of Science (B.S.) in Public Affairs (p. 288)
- Bachelor of Science (B.S.) in Emergency Management and Homeland Security (p. 283)

At the graduate level, degrees are offered as follows:

- Master of Science in Administration Of Justice (Non-Thesis Option) (p. 571)
- Master of Science in Administration of Justice (Thesis Option) (p. 573)
- Executive Master of Science (E.M.S.) in Administration of Justice,
- Doctor of Philosophy (Ph.D.) in Administration of Justice (p. 574)
- Master of Public Administration (Human Resources Specialization) (p. 581)
- Master of Public Administration (International Development Specialization) (p. 582)
- Master of Public Administration (Public Policy Specialization) (p. 583)
- Master of Public Administration (Urban Planning and Environmental Policy Specialization) (p. 585)
- Executive Master of Public Administration (E.M.P.A.), (p. 580)
- Master of Arts in Urban Planning and Environmental Policy (Community Development and Housing Concentration) (p. 596)
- Master of Arts in Urban Planning and Environmental Policy (Spatial Analysis and Mobility Planning Concentration) (p. 597)
- Master of Arts in Urban Planning and Environmental Policy (Sustainable Environmental and Land Use Planning Concentration) (p. 599)
- Doctor of Philosophy (Ph.D.) in Urban Planning and Environmental Policy (p. 601)

In addition to course and degree offerings, students with majors in other departments may declare minors in the undergraduate disciplines offered through this School:

- **Administration of Justice,**
- **Political Science,**
- **Public Affairs,**
- **Pre-Law Studies,**
- **Emergency Management and Homeland Security,**
- **Forensic Science,**
- **Military Science,**
- **Air Force Leadership, and**
- **Naval Science**

Faculty and staff are housed on the fourth floor of the Barbara Jordan – Mickey Leland School of Public Affairs Building.

The Barbara Jordan – Mickey Leland School of Public Affairs occupies a 4-story facility with “smart” classrooms and the latest in multimedia technology. This first-class facility houses:

- a state-of-the-art Survey Research Laboratory,
- a Forensic Laboratory,

- a Government Decision-making Laboratory (used for legislative and judicial simulations),
- a cutting-edge Geographic Information System (GIS) Laboratory that provides 3D modeling resources, and
- a Site Design Laboratory.

The facility also houses the Barbara Jordan Institute, a public policy institute dedicated to finding policy solutions to the many challenges facing urban communities at the local, regional, national and global level, and to advancing civic engagement.

Referral should be made to the Graduate School Bulletin of Texas Southern University for detailed information on the School’s graduate degree programs. A summary of the degrees and programs, by name, appears in the chart below:

- Department of Administration of Justice (p. 269)
 - Administration of Justice Minor (p. 275)
 - Administration of Justice, Bachelor of Science (p. 275)
 - Air Force Leadership Minor (p. 277)
 - Forensic Science Minor (p. 277)
 - Military Science Minor (p. 277)
 - Naval Science Minor (p. 277)
- Department of Political Science (p. 277)
 - Emergency Management and Homeland Security Minor (p. 283)
 - Emergency Management and Homeland Security, Bachelor of Science (p. 283)
 - Political Science Minor (p. 285)
 - Political Science, Bachelor of Arts (p. 286)
 - Pre-Law Studies Minor (p. 287)
 - Public Affairs Minor (p. 288)
 - Public Affairs, Bachelor of Science (p. 288)

The School is administratively organized with a Dean who is assisted by an Associate Dean for Academic Affairs and support staff. Administrative offices are located on the fourth floor of the Barbara Jordan – Mickey Leland School of Public Affairs Building.

Mission Statement

The mission of the Barbara Jordan – Mickey Leland School of Public Affairs is to serve as an urban-focused community of learning dedicated to educating professionals who will plan and administer environmentally healthy and sustainable communities at the local, state, national, and international levels of society.

Students in the Barbara Jordan – Mickey Leland School of Public Affairs who successfully complete their degree programs become well versed in the theories, concepts, and practical procedures of the challenging world of public policy making and administration of justice. Their majors help prepare them for effective participation in government, non-governmental organizations, and private sector careers. An excellent background is also provided for students interested in pursuing careers in the legal profession as well as in a wide variety of graduate and professional school programs.

General School Policies

Students wishing to pursue one of the three undergraduate degrees offered through the School must first gain admission to the University, must satisfy all university application requirements, and must petition

the School for admission. In petitioning, students must have an earned overall GPA of 2.00 or better and have completed the following four courses with grades of "C" or better (grades of "C-" are unacceptable):

Code	Title	Hours
POLS 235	American Government	3
POLS 236	Texas Government	3
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3

Once admitted to the School, students are each assigned an official advisor who must approve all class schedules. Students must keep the School Office informed of current addresses and telephone numbers up to graduation. Students must also retain a minimum overall GPA of 2.00 and fulfill all prerequisites for required courses prior to scheduling them to remain in good standing in the School. Students failing to meet prerequisites for courses will be withdrawn, administratively, from them. Students are also cautioned that transfer credits will be accepted for required courses only if grades of "C" or better have been earned (grades of "C-" are unacceptable).

Good Academic Standing

Good academic standing constitutes maintaining a minimum cumulative GPA set by the University as referenced under the academic regulations described in chapter two of this document.

Advising

All students are assigned an academic advisor who will assist them with academic planning and learning about career options that relate to their programs. During each registration period, students and their advisors select courses consistent with the overall degree objectives. With their advisors, students learn to explore academic interests, to recognize academic strengths, and to identify resources to address weaknesses.

Student Support Services

The Office of Student Support Services is available to all students to help with questions about admissions, academic majors and minors, course requirements, career and degree plans, and other student related matters. It is to assist students with identifying faculty advisors and mentors. This office also refers students to other campus offices for assistance in academic, personal, and career counseling initiatives; academic skill development and financial aid.

Student Organizations

Student organizations are an integral part of student life at Texas Southern University. Five program-related student organizations operate in the Barbara Jordan – Mickey Leland School of Public Affairs at the undergraduate level. Three are open to all students in the School. They are the Administration of Justice Club, the Political Science Club, and the Public Affairs Club. The other two are national honor societies: Alpha Phi Sigma, the Criminal Justice Honor Society, and Pi Sigma Alpha, the National Political Science Honor Society.

Accreditation

All programs in the Barbara Jordan – Mickey Leland School of Public Affairs are accredited by Commission on College of the Southern Association of Colleges and Schools.

Right to Modify

The University reserves the right to change, without prior notice, any policy or procedure, tuition or fee, curricular requirements, or any other information found in this bulletin. The information contained in this bulletin is considered to be descriptive in nature and not contractual. It is recommended that students, faculty, and staff refer to the most current academic policies and procedures.

Description of Programs in the School

The Barbara Jordan – Mickey Leland School of Public Affairs, named for two of Houston's most distinguished public servants, is an outstanding undergraduate program at one of the nation's largest Historically Black Colleges and Universities. The unique urban mission of Texas Southern University and its location in the heart of Houston make it the perfect vantage point to develop a foundation of academic status. The University is located in the city's historic Third Ward and the entire metropolitan region offers an unparalleled urban laboratory for students to learn.

The facility also houses the Barbara Jordan Institute, a public policy institute dedicated to finding policy solutions to the many challenges facing urban communities at the local, regional, national and global level, and to advancing civic engagement.

The Barbara Jordan – Mickey Leland School of Public Affairs has a reputation as a comprehensive center for sound academic research. Administration of Justice scholars focus on:

- the correlates of crime,
- police violence,
- terrorism,
- ethics,
- environmental justice,
- the interplay of race and crime, and
- the various legal and justice systems.

Political Science scholars focus on:

- public opinion and political attitudes,
- political participation,
- African-American politics,
- race and politics,
- religion and politics,
- race and governance,
- policy studies,
- leadership,
- E-government,
- emergency management, and
- homeland security.

Scholars in Urban Planning and Environmental Policy focus on:

- urban transportation,
- housing and community development,
- environmental racism,
- Diaspora studies,
- environmental planning,
- economic development and the fiscal responsibility of urban governments,

- sustainability, and
- an array of environmental issues and conditions.

The Barbara Jordan – Mickey Leland School of Public Affairs has established strategic partnerships with numerous public and private sector entities. These partnerships offer our students unique opportunities to gain hands-on skills and establish contacts and references for the future.

Requirements for the B.S. in Administration of Justice, the B.A. in Political Science, the B.S. in Public Affairs, and the B.S. in Emergency Management and Homeland Security are specified, in detail, below within the department descriptions. As first-time degree seekers, AJ, POLS, and PA students are required to declare a minor in a second academic discipline either through the School or through a different college or school for graduation. Only majors in Emergency Management and Homeland Security are exempt from declaring a minor. Grades of “C” or better (grades of “C-” are unacceptable) must be earned in all major and minor courses required for graduation. Additionally, in selecting minors, students should seek detailed advisement from their designated advisors because the selection of a minor having representative courses in the core curriculum for the degree of choice could impact the total number of credits required. In no case will students qualify for graduation at the undergraduate level with fewer than 120 semester credit hours satisfactorily completed. At the beginning of the senior year, majors should have their overall transcripts and records evaluated by their advisor to verify their status with regard to graduation. **An exit examination is required of all graduating seniors.**

Department of Administration of Justice

Undergraduate Degree(s):

- Bachelor of Science in Administration of Justice (p. 275)

Minor(s):

- Administration of Justice (p. 275)
- Forensic Science (p. 277)
- Military Science (p. 277)
- Air Force Leadership (p. 277)
- Naval Science (p. 277)

Graduate Degree(s):

- Master of Science in Administration Of Justice (Non-Thesis Option) (p. 571)
- Master of Science in Administration of Justice (Thesis Option) (p. 573)
- Doctor of Philosophy in (p. 574) Administration of Justice (p. 574)
- Executive Master of Administration of Justice (Non-Thesis Option), eMAJ (p. 576)
- Executive Master of Administration of Justice (Thesis Option), eMAJ (p. 577)

The Department of Administration of Justice offers courses in Administration of Justice (DAJ). It offers an undergraduate degree, Bachelor of Science (B.S.), in Administration of Justice. Students pursuing undergraduate degrees or majors in other departments

where they are required to declare a minor may seek a minor in the Administration of Justice. The Department of Administration of Justice also offers a minor in Forensic Science (FS), Military Science (MSCI), Air Force Leadership (AFSC), and Naval Science (NAVA). Interested students may obtain information from the Department office located on the fourth floor of the Public Affairs Building. The Department of Administration of Justice offers a Master of Science (M.S.) degree in Administration of Justice and a Doctor of Philosophy (Ph.D.) in Administration of Justice. Administered fully online, the Department also offers the Executive Masters in Administration of Justice (eMAJ).

The mission of the Department of Administration of Justice is to educate students for careers and community service within a diverse urban environment through the development of specialized knowledge and skills needed for effective public service. The Department strives to prepare students with not only facts and concepts, but also encourages students to think critically and ethically in applying knowledge to related problems and challenging situations.

The curriculum presents subjects designed to develop competence for employment, leadership roles and for students planning careers in:

- the judiciary,
- law enforcement,
- parole and probation,
- corrections,
- institutional services,
- security administration,
- homeland security, and
- other related career areas.

Students wishing to pursue the undergraduate degree offered through the Department must first gain admission to the University. They must satisfy TSI requirements, eradicate identified deficiencies, and declare Administration of Justice as their major. **To declare a major in Administration of Justice, students must have an earned overall GPA of 2.50 or better and have completed the following four courses with grades of “C” or better (grades of “C-” are unacceptable):**

Code	Title	Hours
POLS 235	American Government	3
POLS 236	Texas Government	3
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3

Once admitted to the Department, students are each assigned an Academic Advisor who must approve all class schedules. They must also keep the Department Office informed of current addresses and telephone numbers prior to graduation. Students must also retain a minimum overall GPA of 2.00 and fulfill all prerequisites for required courses prior to scheduling them to remain in good standing in the Department. Students failing to meet prerequisites for courses will be administratively withdrawn from them. Students are also cautioned that transfer credits will be accepted for either elective or required courses only if grades of “C” or better have been earned (grades of “C-” are unacceptable) at an accredited educational institution.

Students wishing to pursue the B.S. in Administration of Justice are cautioned that a prior criminal conviction may be used to deny access or placement in various jobs in the criminal justice system, especially those

related to the judiciary, law enforcement, detention, and corrections, even when the degree has been earned.

Requirements for the B.S. in Administration of Justice are specified in detail below. As first-time degree seekers, students are required to declare a minor in a second academic discipline either through the Department or through another department for graduation. **Grades of "C" or better (grades of "C-" are unacceptable) must be earned in all major and minor courses required for graduation.** Additionally, in selecting minors, students should seek detailed advisement from their designated advisors because the selection of a minor having representative courses in the core curriculum for the degree of choice could influence the total number of credits required. In no case will students qualify for graduation at the undergraduate level with fewer than 120 semester credit hours satisfactorily completed. At the beginning of the senior year, majors should have their overall transcripts and records evaluated by their Academic Advisor to verify their status with regard to graduation. An exit examination is required of all graduating seniors.

- Administration of Justice Minor (p. 275)
- Administration of Justice, Bachelor of Science (p. 275)
- Air Force Leadership Minor (p. 277)
- Forensic Science Minor (p. 277)
- Military Science Minor (p. 277)
- Naval Science Minor (p. 277)

Administration of Justice Courses

AJ 100 Intro to Criminology (3 Credits)

Introduction to Criminology (3) An introduction to the scientific study of crime. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 105 Intro Admin Of Justice (3 Credits)

Introduction to Administration of Justice (3) An introduction to the U.S. and Texas criminal justice systems. Definition of crime, law enforcement, prosecution, due process, and rehabilitation systems. Prerequisite for all Administration of Justice courses. Three hours of lecture per week. Listed as CRIJ 1301 in the Texas Common Course Numbering System.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 211 Intro to Court Systems(LS) (3 Credits)

Introduction to Court Systems (3) Examines the role of courts in the criminal justice system. Special attention is on processes and organization of state and federal courts. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 220 Intro To Corrections (3 Credits)

Introduction to Corrections (3) Historical development of the current structure and dynamics of correctional organizations and their practices. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 240 Intro To Law Enfrmnt (3 Credits)

Introduction to Law Enforcement (3) Survey of both public and private law enforcement agencies with special emphasis on public law enforcement agencies at the different levels of government. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 241 Security Management (3 Credits)

Security Management (3) Organization of the security function and its administration will be emphasized. Selection, education, and training for security personnel will be examined including modern technological approaches.

Prerequisite(s): AJ 105

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 250 Legal Aspects Law Enforcement (3 Credits)

Legal Aspects of Law Enforcement (3) Designed to create an awareness of the law governing the behavior of law enforcement officials. Special attention given to probable cause, interrogation, arrest, searches and seizures, and criminal court procedure. Three hours of lecture per week. Listed in the Texas Common Course Numbering System as CRIJ 2323.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 300 Substance Abuse (3 Credits)

Substance Abuse (3) Designed to focus on varied substances, including drugs and alcohol that are currently being used and abused in society. Three hours of lecture per week.

Prerequisite(s): AJ 105

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 301 Research Methods in AJ (3 Credits)

Research Methods in Administration of Justice (3) Introduction to applied research methods in administration of justice with emphasis on descriptive statistical methods as a tool for assisting administration of justice administrators and researchers in decision making. Computer applications included. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 302 Statistics in AJ (3 Credits)

Quantitative Methods in Administration of Justice (3) Continuation of AJ 301. Introduces probability and inferential statistics as analytical tools useful to administration of justice administrators and researchers. Students are expected to gain knowledge and experience in the use of packaged statistical software in data analysis. Three hours of lecture per week. Prerequisite: AJ 301.

Prerequisite(s): AJ 301

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 310 Criminal Law and Procedure (3 Credits)

Criminal Law and Procedure (3) Basic concepts of criminal law with an emphasis on the penal law of Texas. Evidence sufficiency, procedural due process, and constitutional safeguards also addressed. Three hours of lecture per week. Prerequisite: AJ 211 and AJ 250.

Prerequisite(s): (AJ 211 and AJ 250)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 313 Judicial Admin (3 Credits)

Judicial Administration (3) Local, state, and federal judicial operations; constitutional, legislative, and judicial influence on administrative action; and administrative problems associated with judicial functions. Prerequisite: AJ 211.

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

AJ 321 Probation & Parole Admin (3 Credits)

Probation and Parole Administration (3) Systems of probation and parole from the perspective of organization, operation, and results; legal and administrative requirements of probation management; substitutions for incarceration. Three hours of lecture per week. Prerequisite: AJ 220.

Prerequisite(s): (AJ 220)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 322 Juvenile Justice Sys (3 Credits)

Juvenile Justice System (3) Examination of aspects of the juvenile justice history and philosophy; court practices and procedures; police practices and corrections. Three hours of lecture per week. Prerequisites: AJ 220 and AJ 240.

Prerequisite(s): AJ 105

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 323 Correctional Counseling (3 Credits)

Correctional Counseling (3) Emphasis on principles and procedures; the theoretical foundations of therapeutic psychology; therapeutic techniques and processes. Three hours of lecture per week. Prerequisite: AJ 220.

Prerequisite(s): AJ 220

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 333 Police & Comm Relations (3 Credits)

Police and Community Relations (3) Role of the urban police department in community relations and how the police and the community can establish a more effective relationship. Three hours of lecture per week. Prerequisite: AJ 240.

Prerequisite(s): AJ 105

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 334 Criminal Invest (3 Credits)

Criminal Investigation (3) Designed to focus on the theory and practice of criminal investigation, including techniques and skills of successful investigators. Three hours of lecture per week. Prerequisite: AJ 240.

Prerequisite(s): AJ 240

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 335 Commun Based Corrections (3 Credits)

Community-Based Corrections (3) Principles and practices of community-based corrections such as probation, intermediate sanctions and parole. Emphasis is on functions, supervisions, problems, methods and technologies utilized in community-based programs. Prerequisite: AJ 220.

Prerequisite(s): AJ 105

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 338 Spatial Analysis (3 Credits)

Spatial Analysis of Crime (3) The analysis of the location of crime including the site and situational relationship of crime causative and associational factors. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 345 Comparative AJ (3 Credits)

Comparative Administration of Justice (3) An introduction to various administration of justice systems and practices operative in different nationstates. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 403 Public Policy (3 Credits)

Prerequisite(s): (POLS 235 and POLS 236)

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

AJ 411 Sem Admin Of Justice Ethics (3 Credits)

Seminar on Administration of Justice Ethics (3) Ethical issues in criminal justice by philosophers, criminal justice professionals, lawyers and judges, and the general public. Includes topics relating to policy, courts, corrections, and issues in legal philosophy. Prerequisite: 18 semester credit hours in Administration of Justice or consent of the instructor.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 412 Selected Topics in AJ (3 Credits)

Selected Topics in Administration of Justice (3) The review of various administration of justice beliefs and practices; the topics can vary by semester and instructor. May be repeated for up to 9 credits as topics vary. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 430 Environmental Justice (3 Credits)

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

AJ 441 Correctional Admin (3 Credits)

Correctional Administration (3) Organizational and Administrative problems and procedures unique to corrections. Custody, discipline, security force distribution, and coordination with treatment services within correctional institutions. Personnel policies, budgets, and the prison community's social structure. Three hours of lecture per week. Prerequisite: AJ 220.

Prerequisite(s): AJ 220

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 450 Police Admin (3 Credits)

Police Administration (3) Emphasis on police management theory and practice; personnel management; planning and research; management of information; allocation and distribution of operational human resources. Three hours of lecture per week. Prerequisite: AJ 240.

Prerequisite(s): AJ 240

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 451 Seminar on Adm of Justice (3 Credits)

Seminar on Administration of Justice (3) Selected topics such as the experiences encountered by African-Americans and other ethnic groups in criminal justice in the United States. Three hours of lecture per week. Prerequisite: 21 semester credit hours in Administration of Justice or consent of the instructor.

Prerequisite(s): AJ 105

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 452 Race and AJ (3 Credits)

Race and Crime (3) An introduction to the impact and relationship of race and ethnicity to crime. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 453 Admin of Justice Theories (3 Credits)

Administration of Justice Theories (3) This course is designed to provide students with an understanding of competing theories in administration of justice. Three hours of lecture per week. Listed in the Texas Common Course Numbering System as CRIJ 003642.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 460 Admin of Justice Internship (3 Credits)

Administration of Justice Internship (3) Supervised practical experience in public and nonprofit selected agencies. Three hours of lecture per week. Prerequisite: Junior/senior standing.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 499 Admin of Justice Capstone (2,3 Credits)

Capstone (3) An overview of the discipline emphasizing synthesis of theory and research, critical reflection and evaluation, and recent developments in Administration of Justice. Particular emphasis will be given to the integration of Administration of Justice with other social sciences. Required of all majors in AJ.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

Forensic Science Courses

FORS 226 Intro to Forensic Science (3 Credits)

Introduction to Forensic Science (3) This course provides the beginning student with an overview of the forensic sciences, including exposure to the rules of evidence, evidence collection and handling, expert witness testimony and an introduction to the various sub-disciplines that fall under the umbrella of the forensic sciences. The course is open to undergraduates as an elective.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

FORS 236 Forensic Evidence & Collection (3 Credits)

Forensic Evidence Collection and Processing (3) This course serves as a comprehensive review of all aspects of evidence collection and preservation. Prerequisite: FORS 226 or permission of the instructor.

Prerequisite(s): FORS 226

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

FORS 326 Forensic Analysis & Lab (3 Credits)

Forensic Science Analysis (3) This course is an introduction to classical and modern forensic science laboratory techniques. Prerequisites: FORS 226 and FORS 236. Junior standing or above.

Prerequisite(s): FORS 226

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

FORS 416 Forensic Science Seminar (3 Credits)

Forensic Science Seminar (3) This course will focus on criminal and civil cases as well as forensic science literature research. Students will conduct forensic science research, including case reviews, searches for forensic literature, and analysis of trial testimony. Prerequisites: FORS 226, FORS 236, FORS 326, and senior standing.

Prerequisite(s): FORS 226 and FORS 236 and FORS 326

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

Military Science Courses

MSCI 113 Ranger Challenge Training (1 Credits)

Ranger Challenge Training (1) Team competition, land navigation, rifle marksmanship, tactics, and survival skills covered. Fitness training requires cadets to compete against other universities. Prerequisite: Must be enrolled for Military Science minor.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 121 Military Leadership I (2 Credits)

Introduction to Army and Marksmanship (2) Introduction to the role of the U.S. Armed Forces in society. Emphasizes weapon safety, responsibility, and marksmanship techniques. No military obligation incurred for attendance. Open to all students at the University.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 121L Military Leadership I Lab (0 Credits)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 122 Military Leadership II (2 Credits)

Survival and Unarmed Self-Defense (2) Basic concepts and techniques in unarmed self-defense, field expedient techniques, and basic field craft addressed. Rape prevention techniques also addressed. No military obligation incurred for attendance. Open to all students at the University.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 122L Military Leadership II Lab (0 Credits)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 125 Physical Readiness I (1 Credits)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 126 Physical Readiness II (1 Credits)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 131 Interm Phy Fitness I (1 Credits)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 132 Interm Phy Fitness II (1 Credits)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 221 Military Leadership Dev I (2 Credits)

Military Leadership Development (2) Introduction to leadership, problem analysis, decision making, oral communication, first aid, land navigation, basic radio communications, marksmanship, and repelling. Fitness training and laboratory required.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

MSCI 221L Military Leadership Dev I Lab (0 Credits)**College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 222 Military Leadership Dev II (2 Credits)**

Military Leadership Development (2) Continuation of MSCI 221. Fitness training and laboratory required.

College/School: The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 222L Military Leadership Dev II Lab (0 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 241 Basic Camp (4 Credits)**

Basic Camp (4) Six-week, off-campus field training practicum that introduces students to the military. Includes topics in leadership and repelling. No military obligation is required for attending course.

Prerequisite: Consent of the Faculty Chair.

College/School: The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 281 Basic Camp (4 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 319 Special Problems I (3 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 329 Special Problems II (3 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 331 Advanced Military Sci I (3 Credits)**

Advanced Military Science (3) Introduction to small unit leadership, troop leading procedures, leadership theory, and small unit patrolling. Fitness training required as part of the course. Prerequisite: Consent of the Faculty Chair.

College/School: The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 331L Advanced Military Sci I Lab (0 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 332 Advanced Military Science II (3 Credits)**

Advanced Military Science (3) Introduction to combat orders and military principles, small unit tactics, and tactical communications. Fitness training required as part of the course. Prerequisite: Consent of the Faculty Chair.

College/School: The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 332L Advanced Military Sci II Lab (0 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 339 Special Problems III (3 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 349 Leadership Dev & Assessment (4 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 431 Adaptive Leadership (3 Credits)**

Advanced Military Science (3) Leadership and command, military law, administration/staff operations and procedures, dynamics of the military team, training management, ethics, and professionalism. Fitness training required as part of the course. Prerequisite: Consent of the Faculty Chair.

College/School: The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 431L Adaptive Leadership Lab (0 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 432 Leadership In A Cplx Wrld (3 Credits)**

Advanced Military Science (3) Continuation of MSCI 431. Fitness training required as part of the course. Prerequisite: Consent of the Faculty Chair.

College/School: The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 432L Leadership In A Cplx Wrld Lab (0 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 439 Special Problems IV (3 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 450 Special Probs in Military Sci (3 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 1125 Phys Readiness Training (1 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Political Sci & Pub Af**MSCI 1131 Ranger Challenge (3 Credits)****College/School:** The School of Public Affairs**Department:** The Sch of Public Affairs

Air Force Leadership Courses

AFSC 1201 Foundations of the USAF I (2 Credits)

Foundations of the USAF I (2) Overall roles and missions of the USAF; career fields available. Emphasis on military customs and courtesies, appearance standards, core values, written and personal communication. Introduction to American military history.

College/School: The School of Public Affairs**Department:** Dept of Admin of Justice**AFSC 1201L Foundations of the USAF Lab (0 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**AFSC 1202 Foundations of the USAF II (2 Credits)**

Foundations of the USAF II (2) Overall roles and missions of the USAF; career fields available. Emphasis on military customs and courtesies, appearance standards, core values, written and personal communication. Introduction to American military history.

College/School: The School of Public Affairs**Department:** Dept of Admin of Justice**AFSC 1202L Foundations of the USAF II Lab (0 Credits)****College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice

AFSC 2201 Evolution of Air Power I (2 Credits)

Evolution of Air Power I (2) Key historical events and milestones in the development of air power as a primary instrument of United States national security. Core values and competencies of leaders in the United States Air Force. Tenets of leadership and ethics.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 2201L Evolution of Air Power Lab (0 Credits)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 2202 Evolution of Air Power II (2 Credits)

Evolution of Air Power II (2) Key historical events and milestones in the development of air power as a primary instrument of United States national security. Core values and competencies of leaders in the United States Air Force. Tenets of leadership and ethics.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 2202L Evolution of Air Power II Lab (0 Credits)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 3301 Air Force Leadership I (3 Credits)

Air Force Leadership Studies I (3) Leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics. Case studies of Air Force leadership and management situations.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 3301L Air Force Leadership Lab I (0 Credits)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 3302 Air Force Leadership II (3 Credits)

Air Force Leadership Studies II (3) Leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics. Case studies of Air Force leadership and management situations.

College/School: The School of Public Affairs

Department: MS Air Force

AFSC 3302L Air Force Leadership II Lab (0 Credits)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 3801 Field Training (8 Credits)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 4301 National Security Affairs I (3 Credits)

National Security Affairs I (3) Evolution of the role of national security in a democratic society with emphasis on policy formation, competing values, and organizations. Civilian control of the military; roles of the services; functions of the Air Force Commands.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 4301L National Security Lab I (0 Credits)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 4302 National Security Affairs II (3 Credits)

National Security Affairs II (3) Evolution of the role of national security in a democratic society with emphasis on policy formation, competing values, and organizations. Civilian control of the military; roles of the services; functions of the Air Force Commands.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AFSC 4302L National Security Aff. II Lab (0 Credits)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

Naval Science Courses

NAVA 101 Naval Orientation (3 Credits)

An introduction to naval traditions and customs, seamanship, naval organization and missions, and the fundamental concepts of sea power.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 103 Sea Power and Maritime Affairs (3 Credits)

Readings, discussions, and research on selected topics related to the history, importance, and impact of sea power on modern civilization.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 203 Leadership Management I (3 Credits)

An introduction to the principles and concepts of management, organization, leadership, information systems, and decision making.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 301 Navigation I (3 Credits)

Marine navigators and laws of vessel operations. Includes coastal piloting, navigational aids, nautical astronomy, satellite and inertial systems, and rules of the nautical road.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 302 Naval Operations & Seamanship (3 Credits)

An analysis of ship movements, formations, and fleet operations. Includes Rules of the Road, maneuvering board, tactical publications and communications.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 303 Evolution of Warfare (3 Credits)

Historical survey of the evolution of the conduct of warfare. Strategy, tactics, weapons, organization, and military leaders/thinkers are studied.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 304 Naval Weapons Systems (3 Credits)

The theory and employment of weapons systems. The student explores the processes of detection, evaluation, threat analysis, weapon selection, delivery, guidance, and explosives. The physical aspects of radar and underwater sound are described in detail.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 399 Independent Study I (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 402 Leadership and Ethics (3 Credits)

Leadership principles with particular emphasis on ethics, human resources management, military law and discipline, and administration.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 403 Naval Engineering (3 Credits)

Ship propulsion systems, auxiliary systems, steering systems, electrical power distribution, ship design, ship stability and damage control measures.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 410 Amphibious Warfare (3 Credits)

Study of the history of amphibious warfare, using case studies to examine doctrine tactics, and the factors necessary for successful operations.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

NAVA 499 Independent Study II (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

Administration of Justice Minor

Twenty-one (21) semester credit hours are required. The following courses (3 semester credit hours each) must be taken:

Code	Title	Hours
AJ 100	Intro to Criminology	3
AJ 105	Intro Admin Of Justice	3
AJ 211	Intro to Court Systems(LS)	3
AJ 220	Intro To Corrections	3
AJ 240	Intro To Law Enfrmnt	3
300-level or 400-level elective courses		6
Total Hours		21

Administration of Justice, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 275)		42
Major Requirements (p. 275)		44
Other Requirements (p. 276)		13
Minor (p. 276)		21
Total Hours		120

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3

ENG 132	Freshman English II	3
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Mathematics

MATH 132	Contemporary Mathematics I	3
or MATH 133	College Algebra	

Life and Physical Sciences

BIOL 143	Survey of Life Science	3
or CHEM 131	Chemistry I	

GEOL 141	Introduction To The Earth	3
or PHYS 101	Principles of Physics	

Language, Philosophy, and Culture

ENG 2XX		3
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Creative Arts

Select one of the following: 3

ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	

American History

HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3

Government/Political Science

POLS 235	American Government	3
POLS 236	Texas Government	3

Social and Behavioral Sciences

Select one of the following: 3

PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
ECON 232	Principles Of Economics II	
SOC 221	Soc Of Human Sexuality	
SOC 238	Introduction To Anthropology	
GEOG 132	World Regional Geography	

Institutional Options

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
ECON 231	Principles Of Economics I	3

Total Hours 42

Major (Administration of Justice)

Code	Title	Hours
AJ 100	Intro to Criminology	3
AJ 105	Intro Admin Of Justice	3
AJ 211	Intro to Court Systems(LS)	3
AJ 220	Intro To Corrections	3
AJ 240	Intro To Law Enfrmnt	3
AJ 250	Legal Aspects Law Enforcement	3
Select one of the following:		3
AJ 301	Research Methods in AJ	
PA 301	Res Methods In Pub Admin	
POLS 301	Research Methods In Polsc	
Select one of the following:		3

AJ 302	Statistics in AJ	
PA 302	Quantitative Methods	
POLS 302	Quantitative Methods in Polsc	
AJ 411	Sem Admin Of Justice Ethics	3
Select one of the following:		3
AJ 460	Admin of Justice Internship	
PA 450	Internship in Public Affairs	
EMGT 480	Internship	
AJ 499	Admin of Justice Capstone ¹	2
Electives		
Select four of the following:		12
AJ 300	Substance Abuse	
AJ 310	Criminal Law and Procedure	
AJ 313	Judicial Admin	
AJ 321	Probation & Parole Admin	
AJ 322	Juvenile Justice Sys	
AJ 333	Police & Comm Relations	
AJ 334	Criminal Invest	
AJ 335	Commun Based Corrections	
AJ 345	Comparative AJ	
AJ 412	Selected Topics in AJ	
AJ 430	Environmental Justice	
AJ 441	Correctional Admin	
AJ 450	Police Admin	
AJ 452	Race and AJ	
AJ 453	Admin of Justice Theories	
Total Hours		44

¹ Transfer students, please see an academic Advisor

Other Requirements

Code	Title	Hours
Free Elective		3
MATH 134	Plane Trigonometry (or higher)	3
Foreign Language		3
Foreign Language		3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		13

Minor Requirements

Code	Title	Hours
Contact department of choice after being admitted as an Administration of Justice major.		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 132	Contemporary Mathematics I	3
or MATH 133	or College Algebra	
ECON 231	Principles Of Economics I	3
Creative Arts		3

AJ 100	Intro to Criminology	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester

ENG 132	Freshman English II	3
MATH 134	Plane Trigonometry (or higher)	3
AJ 105	Intro Admin Of Justice	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
or PUBLIC ADDRESS		
AJ 211	Intro to Court Systems(LS)	3
Hours		15

Second Year

Third Semester

ENG 2XX Any 200 Level ENG		3
GEOL 141	Introduction To The Earth	3
POLS 235	American Government	3
Foreign Language		3
AJ 220	Intro To Corrections	3
Hours		15

Fourth Semester

Social and Behavioral Sciences		3
BIOL 143	Survey of Life Science	3
POLS 236	Texas Government	3
Foreign Language		3
AJ 240	Intro To Law Enfrmnt	3
Hours		15

Third Year

Fifth Semester

HIST 231	Soc & Pol Hist US to 1877	3
Select one of the following:		3
AJ 301	Research Methods in AJ	
PA 301	Res Methods In Pub Admin	
POLS 301	Research Methods In Polsc	
AJ 250	Legal Aspects Law Enforcement	3
Minor		3
Minor		3
Hours		15

Sixth Semester

HIST 232	Soc & Pol Hist US Since 1877	3
AJ 302	Statistics in AJ	3
AJ 411	Sem Admin Of Justice Ethics	3
Minor		3
Minor		3
Hours		15

Fourth Year

Seventh Semester

Select one of the following:		3
AJ 460	Admin of Justice Internship	
PA 450	Internship in Public Affairs	
EMGT 480	Internship	
AJ 499	Admin of Justice Capstone	2-3

AJ Elective	3
AJ Elective	3
Minor	3
Hours	14

Eighth Semester

AJ Elective	3
AJ Elective	3
Minor	3
Minor	3
FREE Elective	3
Hours	15
Total Hours	120

Air Force Leadership Minor

Eighteen (18) semester credit hours are required.

Code	Title	Hours
Minor Requirements		
300- to 400-level courses		12
Nine (9) credit hours must be completed in residence ¹		9
Total Hours		21

¹ Six (6) of the nine (9) must be in 300- to 400-level courses.

Students must achieve a minimum 2.0 GPA in all Air Force Leadership courses.

Forensic Science Minor

Twenty-one (21) semester credit hours are required. The following courses (3 semester credit hours each) must be taken:

Code	Title	Hours
AJ 105	Intro Admin Of Justice	3
FORS 226	Intro to Forensic Science	3
FORS 236	Forensic Evidence & Collection	3
FORS 326	Forensic Analysis & Lab	3
AJ 411	Sem Admin Of Justice Ethics	3
FORS 416	Forensic Science Seminar	3
300-level or 400-level elective courses		3
Total Hours		21

Military Science Minor

Twenty-one (21) semester credit hours are required.

Code	Title	Hours
Minor Requirements		
300-to-400-level courses		12
Nine (9) credit hours must be completed in residence ¹		9
Total Hours		21

¹ Six (6) of the nine (9) must be in 300-to-400-level courses.

Students may receive credit for 100-200-level courses based upon:

- prior military training,
- completion of ROTC Basic Camp,
- completion of JROTC training, or
- completion of one year at a service academy.

Naval Science Minor

Eighteen (18) semester credit hours are required.

Code	Title	Hours
NAVA 101	Naval Orientation	3
NAVA 103	Sea Power and Maritime Affairs	3
NAVA 203	Leadership Management I	3
NAVA 402	Leadership and Ethics	3
Electives		
Select two of the following:		6
NAVA 301	Navigation I	
NAVA 302	Naval Operations & Seamanship	
NAVA 303	Evolution of Warfare	
NAVA 403	Naval Engineering	
NAVA 410	Amphibious Warfare	
Total Hours		18

To qualify for this minor, twelve (12) credit hours must be completed in residence and nine (9) of the twelve (12) must be in 300- to 400-level courses. Students must achieve a minimum 2.0 GPA in all Naval Science courses.

Department of Political Science

Undergraduate Degree(s):

- Bachelor of Arts in (p. 286) Political Science (p. 286)
- Bachelor of Science in Emergency Management and Homeland Security (p. 283)
- Bachelor of Science in Public Affairs (p. 288)

Minor(s):

- Emergency Management and Homeland Security (p. 283)
- Political Science (p. 285)
- Pre-Law Studies (p. 287)
- Public Affairs (p. 288)

Graduate Degree(s):

- Executive Master of Public Administration (p. 580)
- Master of Public Administration (Human Resources Specialization) (p. 581)
- Master of Public Administration (International Development Specialization) (p. 582)
- Master of Public Administration (Public Policy Specialization) (p. 583)
- Master of Public Administration (Urban Planning and Environmental Policy Specialization) (p. 585)

The Department of Political Science offers courses in Emergency Management (EMGT), Homeland Security (HMSC), Political Science

(POLS) and Public Affairs (PA) leading to three undergraduate and two graduate degree programs.

In addition to these programs, the department offers six (6) semester credit hours of American and Texas government that are required of all students by the University. Offices of faculty members are located on the fourth floor of the Barbara Jordan – Mickey Leland School of Public Affairs Building.

The mission of the department is essentially two fold: (1) to develop general competencies in students that will allow them to continue their education in either graduate or professional schools upon completion of their undergraduate studies; and (2) to prepare students for entry-level professional public service positions. Three objectives are prominent in the realization of this mission: (1) to provide students with essential knowledge and understanding of the dynamics related to the Texas, national, and international political systems and their relationships to these systems; (2) to provide students with an in-depth understanding of the American political system; and (3) to develop problem solving skills and competencies in students that will translate to various work settings.

Requirements for the B.A. in Political Science, B.S. in Public Affairs, and the B.S. in Emergency Management and Homeland Security are specified in detail below.

As first-time degree seekers, students are required to declare a minor in a second academic discipline either through the Department or through another department for graduation. Grades of "C" or better (grades of "C-" are unacceptable) must be earned in all major and minor courses required for graduation. Additionally, in selecting minors, students should seek detailed advisement from their designated advisors because the selection of a minor having representative courses in the core curriculum for the degree of choice could impact the total number of credits required. In no case will students qualify for graduation at the undergraduate level with fewer than 120 semester credit hours satisfactorily completed.

At the beginning of the senior year, majors should have their overall transcripts and records evaluated by the Faculty Chair to verify their status with regard to graduation. **An exit examination is required of all graduating seniors.**

Students wishing to pursue one of the three undergraduate degrees offered through the Department must first gain admission to the University, and must petition the Department for admission. In petitioning, students must have an earned overall GPA of 2.00 or better and have completed the following courses with grades of "C" or better (grades of "C-" are unacceptable):

Code	Title	Hours
POLS 235	American Government	3
POLS 236	Texas Government	3
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3

- In those instances where a student has an exemplary record and may not have met all of the requirements, he/she can make a special appeal to the Department for admission. Once admitted to the Department for admission, students are each assigned an official advisor who must approve all class schedules, and they must keep the Department informed of current addresses and telephone numbers up to graduation. Students must also retain a minimum overall GPA of 2.00 and fulfill all prerequisites for required

courses prior to scheduling them to remain in good standing in the Department. Students failing to meet prerequisites for courses will be administratively withdrawn from them. **Students are also cautioned that transfer credits will be accepted for either elective or required courses only if grades of "C" or better have been earned (grades of "C-" are unacceptable).**

- Emergency Management and Homeland Security Minor (p. 283)
- Political Science Minor (p. 285)
- Political Science, Bachelor of Arts (p. 286)
- Pre-Law Studies Minor (p. 287)
- Public Affairs Minor (p. 288)
- Public Affairs, Bachelor of Science (p. 288)

Political Science Courses

POLS 231 American Pol Systems I (3 Credits)

American Political Systems I (3) Study of the national, state, and local government, including principles of American government, constitutions, public opinion, socialization, interest groups, political parties, and elections. Not counted toward major or minor in Political Science. Three hours of lecture per week. Listed as GOVT 2301 in the Texas Common Course Numbering System.

College/School: The School of Public Affairs
Department: Dept of Political Sci & Pub Af

POLS 232 American Pol Systems II (3 Credits)

American Political Systems II (3) Continuation of national, state, and local government, including the legislative, executive, and judicial branches; American foreign policy; rights of the individual. Not counted toward major or minor in Political Science. Three hours of lecture per week. Listed as GOVT 2302 in the Texas Common Course Numbering System.

College/School: The School of Public Affairs
Department: Dept of Political Sci & Pub Af

POLS 235 American Government (3 Credits)

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties, and civil rights. Three hours of lecture per week. Listed as GOVT 2305 in the Texas Common Course Numbering System.

Prerequisite(s): (or or or TSI READ Assessment with a score of 351 or TSI Exemption TAKS with a score of 2200 or or C-Better Reading Resident Stu with a score of 2.00 or C-Better Reading Transfer Stu with a score of 2.00) or (and READ 101 (may be taken concurrently) and ENG 101 (may be taken concurrently) or ENG 130) or (TSI READ Assessment with a score of 945 and TSI ESSAY Assessment with a score of 5) or (TSI READ Assessment with a score of 910 and TSI ESSAY Assessment with a score of 5 and Adult Basic Education READING with a score of 5)

College/School: The School of Public Affairs
Department: Dept of Political Sci & Pub Af

POLS 236 Texas Government (3 Credits)

Origin and development of the Texas Constitution, structure and powers of state and local government, federalism and intergovernmental relations, political participation, the election process, public policy, and the political culture of Texas. Three hours of lecture per week. Listed as GOVT 2306 in the Texas Common Course Numbering System.

College/School: The School of Public Affairs
Department: Dept of Political Sci & Pub Af

POLS 240 State and Local Government (3 Credits)

A study of national, state, and local governments including, but not limited to, principles of American government, constitutions, federalism, political socialization, public opinion, interest groups, political parties, elections, the executive, legislative and judicial branches, and public policy. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 250 Intro To Political Science (3 Credits)

Introduction to Political Science (3) Introduction to the history, scope, methods, and approaches to the study of political science and politics. Prerequisites: POLS 231 and POLS 232. Required of majors. Three hours of lecture per week.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 301 Research Methods In Polsc (3 Credits)

Introduction to applied research methods in political science with emphasis on research design and descriptive statistical methods as a tool for assisting political scientists to conduct research. Computer applications included. Three hours of lecture per week. Prerequisites: POLS 235, 236, and 250.

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 302 Quantitative Methods in Polsc (3 Credits)

Introduction to probability and inferential statistics as analytical tools useful to political scientists. Students are expected to gain knowledge and experience in the use of packaged statistical software in data analysis. Three hours of lecture per week. Prerequisites: POLS 235, 236, 250, and 301.

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 310 Legislative Politics (3 Credits)

Legislative Process (3) Structure of the powers and roles of legislatures and legislators, legislative structure, decision making, internal and external pressure upon legislators. Special attention given to the United States Congress. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 311 Judicial Politics (LS) (3 Credits)

Judicial Politics (3) Structure, function, and process of the American court systems and related institutions; factors influencing judicial decision-making. Three hours of lecture per week. Prerequisites: POLS 235 and POLS 236.

Prerequisite(s): POLS 235 and POLS 236

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 320 Politics/Environ Justice (3 Credits)

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 330 Comparative Politics (3 Credits)

Comparative Government (3) Introduction to the methods and scope of comparative government; analysis of the institutions and cultures that impact selected governments. Required of majors. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232) or (POLS 235 and POLS 236)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 340 International Relations (3 Credits)

International Relations (3) Survey of the major approaches and principles of international relations that affect the members of the international community. Required of majors. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232) or (POLS 235 and POLS 236)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 341 International Organization (3 Credits)

International Organizations (3) Study of international organizations along with their roles, functions, and objectives in the international community. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 360 Pol Systems Of Africa (3 Credits)

Political Systems of Africa (3) Study of Modern Africa from World War 1, including the different European policies, growth of nationalism, movements to independence, white supremacist bloc, and Africa today. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 370 US Latino Politics (3 Credits)

The study of U.S. Latino efforts to participate in the American political system, government and societal responses, and present status of U.S. Latinos in the political system. Three hours of lecture per week. Prerequisites: POLS 235 and POLS 236.

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 380 Pol Systems Of Latin Am (3 Credits)

Political Systems of Latin America (3) Study of the political and economic development of selected Latin American countries with emphasis on the period since World War 11. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 390 Classical and Medieval Theory (3 Credits)

Development of Political Thought: Classical and Medieval Theory (3) Political philosophy of early Greek, Roman, and medieval European thinkers. Special concentration on the major political works of Plato and Aristotle. Required of majors. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 391 Modern Political Theory (3 Credits)

Modern Political Theory (3) Political philosophy from the Italian city-state to the twentieth century. Special emphasis on Machiavelli, the Social Contract School, and Marx. Required of majors. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232) or (POLS 235 and POLS 236)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 392 American Political Thought (3 Credits)

American Political Thought (3) Study of the development of political thought in the United States from the seventeenth century to the present. Emphasis placed on the historical context in which political thought and movements developed. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 393 African Amer Pol Thought (3 Credits)

African American Political Thought (3) Analysis of ideas, personalities, relevant ideologies and categories, and the role of theory in African American political thought.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 401 Executive Politics (3 Credits)

Executive Process (3) The political dynamics of chief executives and their relationship to the competitive branches and units of government within the American political system. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 403 Public Policy (3 Credits)

Policy Formulation and Decision Making (3) An examination of the forces and constraints involved in making and implementing public policy. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): POLS 235 and POLS 236

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 410 African American Politics (3 Credits)

Politics in Black America (3) The study of Blacks' efforts to participate in the American political system; government and societal responses; present status of Blacks in the political system. Required of majors. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 411 Amer Political Parties (3 Credits)

American Political Parties (3) The study of the American party system, including the functions, activities, development, structure, and organization of political parties. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 412 Civil Rights (3 Credits)

Civil Rights and Political Judiciary Processes (3) A study of civil rights and how they have been impacted by the constitutional process of checks and balances; civil rights in party politics; civil rights as seen by American minorities. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): POLS 235 and POLS 236

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 413 Constitutional Law(LS) (3 Credits)

Constitutional Law (3) The development and application of American constitutional law as interpreted by Supreme Court decisions on selected topics, cases, and recent trends. Required of majors. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): POLS 235 and POLS 236

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 414 American Foreign Policy (3 Credits)

American Foreign Policy (3) Factors shaping contemporary American foreign policy; administration and conduct of foreign affairs; the major foreign policy problems; cases in decision making. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 419 Selected Topics in Polit Sci (3 Credits)

Selected Topics in Political Science (3) Analysis of selected areas and problems in political science. Subject matter to vary from year to year. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 420 Urban Politics (3 Credits)

Urban Politics (3) Investigation of urban political systems; politics in America's large cities and their relationship to minorities; analysis of resources, strategies, and tactics in urban areas. Three hours of lecture per week. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 235 and POLS 236)

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 440 Women and Politics (3 Credits)

Seminar on Women's Political Issues (3) Analysis of selected topics relevant to women and politics. Subject matters vary from year to year. Prerequisites: POLS 231 and POLS 232.

Prerequisite(s): (POLS 231 and POLS 232)

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 450 Religion and American Politics (3 Credits)

Aims to ensure students understand the intersection of politics and religion. The course will describe and analyze the political impact, real and imagined, of religion on several dimensions of political life. It highlights how religion affects the political system and policymaking process, and how religion influences political attitudes, opinions, and behavior. Three hours of lecture per week. Prerequisites: POLS 235 and POLS 236.

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 460 Public Opinion (3 Credits)

This course accounts for the role of public opinion in the democratic politics of the U. S. The course addresses the contemporary literature on public opinion, including the relationship between public opinion and policy. This course provides an understanding of the major ideas and concepts in public opinion, fosters interest in learning more about political issues, and engages students in discussion of the important and controversial issues of the day. Three hours of lecture per week. Prerequisites: POLS 235 and POLS 236.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

POLS 470 Voters and Elections (3 Credits)

The course explores critical and controversial issues that confront the American electoral system. It examines key aspects of American democracy in theory and practice such as the electoral process, suffrage and turnout, voting behavior, candidates, public policy issues, representation, partisanship, money, and the media. Three hours of lecture per week. Prerequisites: POLS 235 and POLS 236.

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 490 Internship (3 Credits)

Supervised work experience with various public, private, and governmental agencies. Intern will be jointly supervised by the agency head and appropriate academic advisor. Eighteen hours of laboratory per week. Prerequisites: Senior standing and consent of the appropriate faculty advisor or Faculty Chair. Prerequisites: POLS 235 and POLS 236.

College/School: The School of Public Affairs

Department: The Sch of Public Affairs

POLS 498 Capstone Sem in Polsc (3 Credits)

Directed reading, research, and discussion of different sub-fields in the discipline of Political Science. Includes a significant writing component. Prerequisite: consent of the instructor.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

Public Affairs Courses**PA 271 Intro to Public Adm (3 Credits)**

Introduction to Public Administration (3) The rise, significance, and role of public administration. Problems of executive leadership, administrative organization, personnel and management, administrative decision-making and adjustment. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 301 Res Methods In Pub Admin (3 Credits)

Research Methods in Public Administration (3) Introduction to applied research methods in public administration with emphasis on descriptive statistical methods as a tool for assisting public managers in decision making. Computer applications included. Three hours of lecture per week. Prerequisite: MATH 133.

Prerequisite(s): MATH 133

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 302 Quantitative Methods (3 Credits)

Quantitative Methods in Public Administration (3) Continuation of PA 301 introducing probability and inferential statistics as analytical tools useful to public administrators. Students are expected to gain knowledge and experience in the use of packaged statistical software in data analysis. Three hours of lecture per week. Prerequisite: PA 301.

Prerequisite(s): PA 301

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 311 Intro To Pub Sector Plng (3 Credits)

Introduction to Public Sector Planning (3) Introduction to the principles, methods, and techniques of public sector planning. Three hours of lecture per week. Prerequisite: PA 271.

Prerequisite(s): PA 271

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 312 Public Budgeting (3 Credits)

Public Budgeting (3) Introduction to the method and nature of government financing, including a study of public revenues, expenditures, debts, fiscal policies, and certain problems related to government fiscal systems. Three hours of lecture per week. Prerequisite: PA 271.

Prerequisite(s): PA 271

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 313 Org Behavior & Mgmt (3 Credits)

Organization Behavior and Management (3) Analysis of various theories of human behavior in organizational settings from the disciplines of Political Science, Sociology, Psychology, and Public Administration. Three hours of lecture per week. Prerequisite: PA 271.

Prerequisite(s): PA 271

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 321 Personnel Admin (3 Credits)

Personnel Administration (3) Principles, theories, and methods of human resource management. Particular attention given to personnel policy, procedures, and collective bargaining. Three hours of lecture per week. Prerequisite: PA 313.

Prerequisite(s): PA 313

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 350 Internship (6 Credits)

Internship (6) Supervised work experience with various public, private, and governmental agencies. Intern will be jointly supervised by the agency head and appropriate academic advisor. Eighteen hours of laboratory per week. Prerequisites: Senior standing and consent of the appropriate faculty advisor or Faculty Chair.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 400 Program Evaluation (3 Credits)

Program Evaluation (3) Focuses on evaluation as a management tool to improve public sector program performance and introduces concepts, principles, methods, and practice of program performance evaluation. Three hours of lecture per week. Prerequisites: PA 301 and PA 302.

Prerequisite(s): (PA 301 and PA 302)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 401 Policy Process (3 Credits)

Policy Process (3) Examines the role, influence, and interaction of legislatures, executives, bureaucracies, courts, and interest groups. Focuses on policy processes: problem definition, agenda setting, budgeting, authorization, implementation, and oversight. Three hours of lecture per week. Prerequisite: PA 271.

Prerequisite(s): PA 271

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 410 Seminar in Public Affairs (3 Credits)

Seminar in Public Affairs (3) Special topics seminar that provides for the examination of selected public affairs problems and issues. Specific content varies from semester to semester. Three hours of lecture per week. Prerequisite: consent of the instructor.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 450 Internship in Public Affairs (3 Credits)

Supervised work experience with various public, private, and governmental agencies. Intern will be jointly supervised by the agency head and appropriate academic advisor. Eighteen hours of laboratory per week. Prerequisites: Senior standing and consent of the appropriate faculty advisor or Faculty Chair.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PA 461 Sup Ind Study & Research (6 Credits)

Supervised Independent Study (6) Designed to allow students to conduct a scientific inquiry into a problem and present the research finding in a scholarly manner. Prerequisites: Senior standing, overall GPA of 3.30 or better, recommendation from appropriate faculty members and faculty advisor, and approval of the Faculty Chair.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

Emergency Management and Homeland Security Courses

EMGT 101 Intro to Incid Command Sys (3 Credits)

Describes the history, features, principles, organizational structure of Incident Command System and explains the relationship between ICS and the National Incident Management System (NIMS). Three hours of lecture per week

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 250 Introduction to Emergency Mgmt (3 Credits)

Course introduces emergency management theory, definitions, hazard identification, phases of emergency management, resource identification, roles and responsibilities of emergency managers, and coordination of various systems. Prerequisite for all courses. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

HMSC 260 Intro to Homeland Security (3 Credits)

HMSC 260 Introduction to Homeland Security (3) Course introduces students to homeland security, its function, organization, and responsibilities. Topics include evaluation of homeland security, roles of agencies, the private sector, and individuals. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 251 Natural Hazards & Emerg Mgmt (3 Credits)

Course examines major natural hazards and the efforts to mitigate their effect on society, and the management of these events at the various levels of governments. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 252 Tech Hazards & Emerg Mgmt (3 Credits)

Course introduces students to the human hand in many "natural" hazards as well as management structures, procedures and techniques designed to cope with hazardous technologies. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 351 Prin/Prac of Hazard Mitigation (3 Credits)

Course identifies hazard risks, mitigation programs, strategies, mitigation opportunities, and cost effect solutions. Students learn the tools, resources, techniques, strategies, and programs of hazard mitigation. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 352 Intern DispPers & Nat Hazard (3 Credits)

The impact of hazards on people forced to leave their homes and become internally displaced persons (IDPs) or refugees, as a result of disasters. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 353 Business Crisis & Continuity (3 Credits)

The course analyzes the methods by which government, private sector, nonprofits, and the general public respond to and recover from natural manmade disasters. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 354 Public Health in Emerg Mgmt (3 Credits)

The course covers theory and practice of various public health issues in emergency preparedness and considers the implications for policy makers. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 355 Plng for Vulnerable Population (3 Credits)

Discusses barriers and limitations to reaching vulnerable populations in a disaster and explores culturally competent strategies for their integration into preparedness plans. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 356 Continuity Oper/Plng & Implt (3 Credits)

Students explore the process of developing, implementing, exercising, and evaluating continuity of operations for both the public and private sectors and initiates recovery activities. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 357 Emergency Reov/Respn/Prep & Plng (3 Credits)

Focus is on the planning and recovery process, the format, and response procedures; the evaluation of plans and the use of exercises to improve and implement plans. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 358 Social Dimensions of Disasters (3 Credits)

Human behavior in disaster (myths and reality), group disaster behavior, community social systems, cultures, demographics and sociological disaster research case studies are studied. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 400 Environmental Issues: Disaster (3 Credits)

The environmental impact that results from natural and manmade disasters: pollution (biological, chemical, and nuclear), depletion of natural resources, industrial activity and agricultural practices. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 401 Coastal Hazards Mgmt (3 Credits)

Addresses coastal processes, impacts of climate change and the risk imparted to man and his environment. Students learn the best approaches and management strategies. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 402 Disaster Resilient Communities (3 Credits)

This course covers concepts needed to design and implement strategies in protecting communities from disasters, including decreasing community vulnerability and increasing community resiliency. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 403 Managing People In Diasters (3 Credits)

Students develop a management style and leadership skills for effectively utilizing personnel in the delivery of community services during disaster operations. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 450 Seminar: Emergency Mgmt (3 Credits)

A systematic study of specialized subject matter in Emergency management. Topics for each semester vary, depending upon current interest and needs. Three hours of lecture per week.

Prerequisite(s): (EMGT 250)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

EMGT 480 Internship (3 Credits)

Students apply classroom learning in emergency and disaster response associated agencies. Students perform prescribed work in an agency engaged in emergency and disaster management. Three hours of lecture per week.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

HMSC 361 Terrorism and Homeland Secur (3 Credits)

HMSC 361 Terrorism and Homeland Security (3) Overview of international terrorism from its origins to the present. Analyzeshow the U.S. government has responded and organized to counter the threats of terrorism. Three hours of lecture per week.

Prerequisite(s): (HMSC 260)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

HMSC 362 Domestic & Global Terrorism (3 Credits)

HMSC 362 Legal and Political Issues of Homeland Security (3) Describes the legal aspects of current government regulations on intelligence operations, identity management, information dissemination, infrastructure protection, business community security concerns, and ethical issues. Three hours of lecture per week.

Prerequisite(s): (HMSC 260)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

HMSC 363 Legal & Political Issues HMSC (3 Credits)

HMSC 363 Legal and Political Issues of Homeland Security (3) Describes the legal aspects of current government regulations on intelligence operations, identity management, information dissemination, infrastructure protection, business community security concerns, and ethical issues. Three hours of lecture per week.

Prerequisite(s): (HMSC 260)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

Emergency Management and Homeland Security Minor

Eighteen (18) semester credit hours are required:

Code	Title	Hours
EMGT 250	Introduction to Emergency Mgmt	3
HMSC 260	Intro to Homeland Security	3
EMGT 480	Internship	3
Nine (9) elective credits in Emergency Management and Homeland Security (three additional courses of 3 credits each) must also be earned		9
Total Hours		18

Emergency Management and Homeland Security, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 284)		42
Major Requirements (p. 284)		48
Other Requirements (p. 284)		30
Minor (p. 285)		0
Total Hours		120

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 132	Contemporary Mathematics I	3
or MATH 133	College Algebra	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
or CHEM 131	Chemistry I	
Select one of the following: 3		
GEOL 141	Introduction To The Earth	
BIOL 135	Human Anat & Phys I	
CHEM 132	Chemistry II	
PHYS 101	Principles of Physics	
Language, Philosophy, and Culture		
ENG 2XX		3
Creative Arts		
Select one of the following: 3		
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following: 3		
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
SOC 238	Introduction To Anthropology	
GEOG 132	World Regional Geography	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
Select one of the following: 3		
CS 116	Intro To Compr Science I	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	
Total Hours		42

Major (EMHS)

Code	Title	Hours
EMGT 250	Introduction to Emergency Mgmt	3
EMGT 251	Natural Hazards & Emeryg Mgmt	3
EMGT 252	Tech Hazards & Emeryg Mgmt	3
EMGT 357	Emeryg Reov/Respn/Prep & Plng	3
Select one of the following: 3		
EMGT 480	Internship	
PA 450	Internship in PUBLIC Affairs	
AJ 460	Admin of Justice Internship	
HMSC 260	Intro to Homeland Security	3
HMSC 361	Terrorism and Homeland Secur	3
HMSC 362	Domestic & Global Terrorism	3
HMSC 363	Legal & Political Issues HMSC	3
Electives		
Select six of the following: 6		
EMGT 353	Business Crisis & Continuity	
EMGT 354	Public Health in Emeryg Mgmt	
EMGT 355	Plng for Vulnerable Population	
EMGT 358	Social Dimensions of Disasters	
EMGT 400	Environmental Issues: Disaster	
EMGT 402	Disaster Resilient Communities	
EMGT 403	Managing People In Diasters	
HMSC 460	Seminar in Homeland Security	
GEOG 338	Geographic Information Systems	
JOUR 234	Intro To Pub Rel	
HED 340	Epidemiology	
HSEH 232	Intro To Environ Hlth	
MTMS 445	Maritime Risk Assessmnt & Mgmt	
Total Hours		33
Other Requirements		
Code	Title	Hours
ECON 231	Principles Of Economics I	3
ECON 232	Principles Of Economics II	3
SOC 157	Introduction To Sociology	3
MATH 134	Plane Trigonometry (or higher)	3
Foreign Language 3		
PA 271	Intro to Public Adm	3
Select one of the following: 3		
PA 301	Res Methods In Pub Admin	
AJ 301	Research Methods in AJ	
PA 301	Res Methods In Pub Admin	
Select one of the following: 3		
POLS 302	Quantitative Methods in Polsc	
AJ 302	Statistics in AJ	
PA 302	Quantitative Methods	
Free Elective 2		
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		27

Minor Requirements

No Minor Required.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 132 or MATH 133	Contemporary Mathematics I or College Algebra	3
Select one of the following:		3
CS 116	Intro To Compr Science I	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 134	Plane Trigonometry (or higher)	3
SOC 157	Introduction To Sociology	3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		15
Second Year		
Third Semester		
ENG 2XX Any 200 Level ENG		3
BIOL 143	Survey of Life Science	3
Creative Arts		3
Foreign Language		3
EMGT 250	Introduction to Emergency Mgmt	3
Hours		15
Fourth Semester		
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
GEOL 141	Introduction To The Earth	3
Social and Behavioral Sciences		3
Foreign Language		3
HMSC 260	Intro to Homeland Security	3
Hours		15
Third Year		
Fifth Semester		
Select one of the following:		3
POLS 301	Research Methods In Polsc	
AJ 301	Research Methods in AJ	
PA 301	Res Methods In Pub Admin	
ECON 231	Principles Of Economics I	3
EMGT 251	Natural Hazards & Emery Mgmt	3
HMSC 361	Terrorism and Homeland Secur	3
PA 271	Intro to Public Adm	3
Hours		15

Sixth Semester

Select one of the following:		3
POLS 302	Quantitative Methods in Polsc	
AJ 302	Statistics in AJ	
PA 302	Quantitative Methods	
ECON 232	Principles Of Economics II	3
EMGT 252	Tech Hazards & Emery Mgmt	3
HMSC 362	Domestic & Global Terrorism	3
EMHS Elective		3
Hours		15

Fourth Year

Seventh Semester

EMGT 351	Prin/Prac of Hazard Mitigation	3
EMGT 357	Emery Reov/Respn/Prep & Plng	3
EMHS Elective		3
EMHS Elective		3
EMHS Elective		3
Hours		15

Eighth Semester

Select one of the following:		3
EMGT 480	Internship	
PA 450	Internship in Public Affairs	
AJ 460	Admin of Justice Internship	
HMSC 363	Legal & Political Issues HMSC	3
EMHS Elective		3
EMHS Elective		3
FREE Elective		2
Hours		14
Total Hours		120

Political Science Minor

twenty-one (21) semester credit hours are required. Students pursuing this minor must first complete:

Code	Title	Hours
Prerequisites		
POLS 235	American Government ¹	3
POLS 236	Texas Government ¹	3

¹ grades of "C" or better (grades of "C-" are unacceptable)

Code	Title	Hours
Minor Requirements		
POLS 330	Comparative Politics	3
POLS 340	International Relations	3
POLS 390 or POLS 391	Classical and Medieval Theory Modern Political Theory	3
POLS 410	African American Politics	3
POLS 413	Constitutional Law(LS)	3
Six (6) elective credits in POLS (three additional courses of 3 credits each) must also be earned		6
Total Hours		21

Political Science, Bachelor of Arts

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 286)	42
	Major Requirements (p. 286)	30
	Other Requirements (p. 286)	27
	Minor (p. 287)	21
Total Hours		120

General Education Core Curriculum

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 132	Contemporary Mathematics I	3
	or MATH 133 College Algebra	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
	or CHEM 131 Chemistry I	
Select one of the following: 3		
GEOL 141	Introduction To The Earth	
BIOL 135	Human Anat & Phys I	
CHEM 132	Chemistry II	
PHYS 101	Principles of Physics	
Language, Philosophy, and Culture		
ENG 2XX		3
Creative Arts		
Select one of the following: 3		
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following: 3		
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
SOC 238	Introduction To Anthropology	

GEOG 132	World Regional Geography	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
	or MIS 204 Fundamentals of Info Systems	
Total Hours		42

Major (Political Science)

Code	Title	Hours
POLS 250	Intro To Political Science	3
POLS 330	Comparative Politics	3
POLS 340	International Relations	3
POLS 390	Classical and Medieval Theory	3
	or POLS 391 Modern Political Theory	
POLS 410	African American Politics	3
POLS 413	Constitutional Law(LS)	3
Select four of the following:		12
POLS 240	State and Local Government	
POLS 310	Legislative Politics	
POLS 311	Judicial Politics (LS)	
POLS 320	Politics/Environ Justice	
POLS 341	International Organization	
POLS 360	Pol Systems Of Africa	
POLS 370	US Latino Politics	
POLS 380	Pol Systems Of Latin Am	
POLS 392	American Political Thought	
POLS 393	African Amer Pol Thought	
POLS 401	ExecutivePolitics	
POLS 403	Public Policy	
POLS 411	Amer Political Parties	
POLS 412	Civil Rights	
POLS 414	American Foreign Policy	
POLS 419	Selected Topics in Polit Sci	
POLS 420	Urban Politics	
POLS 440	Women and Politics	
POLS 440	Women and Politics	
POLS 450	Religion and American Politics	
POLS 460	Public Opinion	
POLS 470	Voters and Elections	
POLS 490	Internship	
POLS 498	Capstone Sem in Polsc	
Total Hours		30

Other Requirements

Code	Title	Hours
ECON 231	Principles Of Economics I	3
ECON 232	Principles Of Economics II	3
MATH 134	Plane Trigonometry (or higher)	3
Select one of the following:		3
POLS 301	Research Methods In Polsc	
AJ 301	Research Methods in AJ	

PA 301	Res Methods In Pub Admin	
Select one of the following:		
POLS 302	Quantitative Methods in Polsc	
AJ 302	Statistics in AJ	
PA 302	Quantitative Methods	
SOC 157	Introduction To Sociology	3
FS 102	Freshman Seminar/ first Year Experience	1
Free Elective		2
Foreign Language		3
Foreign Language		3
Total Hours		24

Minor Requirements

Code	Title	Hours
Select 21 credits		
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 132 or MATH 133	Contemporary Mathematics I or College Algebra	3
CS 116 or MIS 204	Intro To Compr Science I or Fundamentals of Info Systems	3
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 134	Plane Trigonometry (or higher)	3
SOC 157	Introduction To Sociology	3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		15
Second Year		
Third Semester		
ENG 2XX Any 200 Level ENG		3
BIOL 143	Survey of Life Science	3
Creative Arts		3
Foreign Language		3
POLS 250	Intro To Political Science	3
Hours		15
Fourth Semester		
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
GEOL 141	Introduction To The Earth	3
Social and Behavioral Sciences		3
Foreign Language		3
POLS 330	Comparative Politics	3
Hours		15

Third Year

Fifth Semester		
ECON 231	Principles Of Economics I	3
Select one of the following:		
POLS 301	Research Methods In Polsc	
PA 301	Res Methods In Pub Admin	
AJ 301	Research Methods in AJ	
POLS 340	International Relations	
POLS 390 or POLS 391	Classical and Medieval Theory or Modern Political Theory	3
Minor		3
Hours		12

Sixth Semester		
Minor		3
ECON 232	Principles Of Economics II	3
Select one of the following:		
POLS 302	Quantitative Methods in Polsc	
PA 302	Quantitative Methods	
AJ 302	Statistics in AJ	
POLS Elective		3
POLS Elective		3
Minor		3
Hours		18

Fourth Year

Seventh Semester		
POLS 413	Constitutional Law(LS)	3
POLS Elective (Capstone)		3
Minor		3
Minor		3
Minor		3
Hours		15
Eighth Semester		
POLS 410	African American Politics	3
POLS Elective		3
Minor		3
Minor		3
FREE Elective		2
Hours		14
Total Hours		120

Pre-Law Studies Minor

Eighteen (18) semester credit hours are required:

Code	Title	Hours
AJ 211	Intro to Court Systems(LS) ¹	3
AJ 313	Judicial Admin	3
POLS 311	Judicial Politics (LS)	3
POLS 403	Public Policy	3
POLS 412	Civil Rights	3
POLS 413	Constitutional Law(LS) ²	3

¹ AJ 310 Criminal Law and Procedure if an AJ major² POLS 420 Urban Politics if a POLS major

Public Affairs Minor

Twenty-one (21) semester credit hours are required:

Code	Title	Hours
PA 271	Intro to Public Adm	3
PA 311	Intro To Pub Sector Plng	3
PA 312	Public Budgeting	3
PA 313	Org Behavior & Mgmt	3
PA 321	Personnel Admin	3
PA 400	Program Evaluation	3
PA 401	Policy Process	3
Total Hours		21

Public Affairs, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 288)	42
	Major Requirements (p. 288)	33
	Other Requirements (p. 289)	24
	Minor (p. 289)	21
Total Hours		120

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 132	Contemporary Mathematics I	3
	or MATH 133 College Algebra	
Life and Physical Sciences		
BIOL 143	Survey of Life Science	3
	or CHEM 131 Chemistry I	
Select one of the following: 3		
GEOL 141	Introduction To The Earth	
BIOL 135	Human Anat & Phys I	
CHEM 132	Chemistry II	
PHYS 101	Principles of Physics	
Language, Philosophy, and Culture		
ENG 2XX		3
Creative Arts		
Select one of the following: 3		
ART 135	Topics in Contemp Art & Cultur	

ART 137	Intro African Art	
MUSI 136	Music Appreciation	
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	

American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3

Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3

Social and Behavioral Sciences		
Select one of the following: 3		

PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
SOC 238	Introduction To Anthropology	
GEOG 132	World Regional Geography	

Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	

Select one of the following: 3		
CS 116	Intro To Compr Science I	
	or MIS 204 Fundamentals of Info Systems	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	

Total Hours		42
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Major (Public Affairs)

Code	Title	Hours
PA 271	Intro to Public Adm	3
Select one of the following: 3		
PA 301	Res Methods In Pub Admin	
POLS 301	Research Methods In Polsc	
AJ 301	Research Methods in AJ	
Select one of the following: 3		
PA 302	Quantitative Methods	
POLS 302	Quantitative Methods in Polsc	
AJ 302	Statistics in AJ	
PA 311	Intro To Pub Sector Plng	3
PA 312	Public Budgeting	3
PA 313	Org Behavior & Mgmt	3
PA 321	Personnel Admin	3
PA 400	Program Evaluation	3
PA 401	Policy Process	3
PA 410	Seminar in Public Affairs	3
Select one of the following:		
PA 450	Internship in Public Affairs	
EMGT 480	Internship	
AJ 460	Admin of Justice Internship	

Total Hours		30
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Other Requirements

Code	Title	Hours
ECON 231	Principles Of Economics I	3
ECON 232	Principles Of Economics II	3
MATH 134	Plane Trigonometry (or higher)	3
SOC 157	Introduction To Sociology	3
Foreign Language		3
Foreign Language		3
FS 102	Freshman Seminar/ first Year Experience	1
Free Elective		5
Total Hours		24

Minor Requirements

Code	Title	Hours
Select 21 credits		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 132 or MATH 133	Contemporary Mathematics I or College Algebra	3
Select one of the following:		3
CS 116	Intro To Compr Science I	
MIS 204	Fundamentals of Info Systems	
EDCI 210	Ins Tec	
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 134	Plane Trigonometry (or higher)	3
SOC 157	Introduction To Sociology	3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		15
Second Year		
Third Semester		
ENG 2XX Any 200 Level ENG		3
BIOL 143	Survey of Life Science	3
Creative Arts		3
Foreign Language		3
PA 271	Intro to Public Adm	3
Hours		15
Fourth Semester		
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
GEOL 141	Introduction To The Earth	3
Social and Behavioral Sciences		3

Foreign Language		3
Select one of the following:		3
PA 301	Res Methods In Pub Admin	
POLS 301	Research Methods In Polsc	
AJ 301	Research Methods in AJ	
Hours		15

Third Year

Fifth Semester		
ECON 231	Principles Of Economics I	3
Select one of the following:		3
PA 302	Quantitative Methods	
POLS 302	Quantitative Methods in Polsc	
AJ 302	Statistics in AJ	
PA 313	Org Behavior & Mgmt	3
Minor		3
Minor		3
Hours		15

Sixth Semester

ECON 232	Principles Of Economics II	3
PA 311	Intro To Pub Sector Plng	3
PA 312	Public Budgeting	3
PA 321	Personnel Admin	3
Minor		3
Hours		15

Fourth Year

Seventh Semester		
PA 401	Policy Process	3
Select one of the following:		3
PA 450	Internship in PUBLIC Affairs	
EMGT 480	Internship	
AJ 460	Admin of Justice Internship	
Minor		3
Minor		3
FREE Elective		3
Hours		15

Eighth Semester

PA 400	Program Evaluation	3
PA 410	Seminar in Public Affairs	3
Minor		3
Minor		3
FREE Elective		2
Hours		14
Total Hours		120

College of Pharmacy and Health Sciences

The College of Pharmacy and Health Sciences consists of three departments:

- Department of Pharmaceutical and Environmental Health Sciences (p. 295)

- Department of Pharmacy Administration and Administrative Health Services (p. 301)
- Department of Pharmacy Practice and Clinical Health Sciences (p. 318)

The College offers:

- the Doctor of Pharmacy (Pharm.D.) ,
- a two-year pre-pharmacy,
- four-year professional program degree, and
- graduate degrees in:
 - Health Care Administration,
 - the Master of Science (M.S.) in Health Care Administration and Pharmaceutical Sciences,
 - the Master of Science (M.S.) and
 - Doctor of Philosophy (Ph.D.) in Pharmaceutical Sciences.

The College offers five baccalaureate or undergraduate degrees.. The Department of Pharmaceutical and Environmental Health Sciences offers the Bachelor of Science (B.S.) in Environmental Health. The Department of Pharmacy Administration and Administrative Health Sciences offers the B.S. in Health Administration and B.S in Health Information Management. Additionally, the Department of Pharmacy Practice and Clinical Health Sciences offers the B.S. in Respiratory Therapy and the B.S. in Clinical Laboratory Science. Information on the Master of Science (M.S.) Degree in Health Care Administration and the M.S./Ph.D. degrees in Pharmaceutical Sciences can be obtained directly from the College of Pharmacy and Health Sciences Admissions Office (3100 Cleburne, Houston, Texas 77004-9987) or the Graduate School.

Administratively, the College is organized with a Dean who is assisted by an Associate Dean for Academic Affairs, Associate Dean for Clinical and Administrative Services, Assistant Dean for Student Services, Assistant Dean for Practice Programs, and three Faculty Chairs who administer the didactic and experiential components of all programs. The Associate Dean for Academic Affairs is responsible for all didactic academic matters of the College while the Associate Dean for Clinical and Administrative Services is responsible for all experiential training component academic matters, and in the absence of the Dean, are responsible for the operations of the College. The Assistant Dean for Student Services coordinates all student related organizations and activities including recruitment, admissions, registration, counseling, and academic advising. The Assistant Dean for Practice Programs is responsible for the coordination of the professional practice experiences program. The Dean, Associate Deans, Assistant Deans, and Chairs of Pharmaceutical Sciences and Pharmacy Practice are housed in the College of Pharmacy and Health Sciences buildings: Gray Hall and Nabrit Sciences Buildings.

Mission Statement

The mission of the Texas Southern University College of Pharmacy and Health Sciences (COPHS) is to produce an ethnically diverse population of quality health professionals, especially African-Americans, who are competent in the delivery of interdisciplinary health services while addressing critical urban issues. In fulfilling its purpose, the College is committed to providing an innovative, productive and receptive learning environment for research, scholarly activities, and services; infusing new technology into its infrastructure and academic programs; preparing, nurturing and mentoring students to be leaders in their fields and responsible contributors to local, state, national, and global communities; ensuring that programs support the mission, vision

and values of the University and the College through evaluating and assessing academic programs; delivering patient-centered, population-based, and preventive care in rural and urban settings; and, developing holistic-centered programs to reduce health disparities among minority and other disadvantaged populations.

Accreditation

The College of Pharmacy and Health Sciences is a member of the American Association of Colleges of Pharmacy and the Association of Schools of Allied Health Professions. Programs in Pharmacy are accredited by the Accreditation Council for Pharmacy Education (ACPE). The Respiratory Therapy Program is accredited by:

The Commission on Accreditation for Respiratory Care (CoARC)
1248 Harwood Road

Bedford, TX 76021-4244

817-283-2835 (Office) tel:+8172832835

The Health Information Management Program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The Clinical Laboratory Science (Medical Technology) Program is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). The Environmental Health Program is accredited by the Environmental Health Science and Protection Accreditation Council (EHAC).

Registration as a Pharmacist in the State of Texas Licensure and Experience Requirements

An applicant for licensure shall be of good moral character, provide satisfactory evidence that the age of 18 years has been obtained and shall meet one of the following requirements:

1. have graduated and received a professional degree from a college of pharmacy, the professional degree program of which has been accredited by ACPE, and meets the requirements of the board; or
2. have graduated from a foreign college of pharmacy and obtained full certification from the FPGEC.

To become a registered pharmacist in the State of Texas candidates must obtain a minimum grade of 75 on the North American Pharmacist Licensure Examination (NAPLEX); and must earn a minimum grade of 75 on the Multistate Pharmacy Jurisprudence Examination (MPJE).

The College of Pharmacy and Health Sciences has a structured practical experience program, approved by the Texas State Board of Pharmacy, which satisfies the practical experience requirement for licensure.

Registration in Environmental Health

Upon completion of all academic and professional work in Environmental Health students are eligible to receive the Bachelor of Science (B.S.) degree in Environmental Health. Persons completing the program of study in Environmental Health are eligible to apply for registration/certification with the:

- National Environmental Health Association (NEHA),
- the Air Pollution Training Institute (APTI),
- the National Safety Council (NSC),
- the American Conference of Governmental Industrial Hygienists (ACGIH),
- the National Society of Health Physics (NSHP),

- the Texas Environmental Health Association (TEHA), and
- the Texas Commission on Environmental Quality (TCEQ).

The curriculum of study prepares students for successful completion of registration/certification examinations for:

- Environmental Quality Specialist,
- Hazardous Substance Professional,
- Industrial Hygienist, and
- Health Physicist.

Registration as a Health Information Manager

The Bachelor of Science Degree is awarded to students upon successful completion of the curriculum in Health Information Management (HIM). Students are eligible 6-12 months prior to award of the bachelor's degree to attempt the test for the HIM registry through the American Health Information Management Association.

Registration/Certification in Clinical Laboratory Science

Upon completion of all academic and professional work in Clinical Laboratory Science, students are eligible to receive both the Bachelor of Science Degree in Clinical Laboratory Science and a Certificate of Completion in Clinical Laboratory Science, as well as to apply to take the national certification examination administered by the American Society for Clinical Pathology Board of Registry and the National Certification Agency for Medical Laboratory Personnel to become a registered Medical Laboratory Scientist.

Licensure/Certification/Registry as a Respiratory Therapist

Eligible seniors are awarded the program Certificate of Completion and are then qualified to take the National Board of Respiratory Care Entry Level Examination (CRT). Following achievement of the CRT credential and award of State Licensure, seniors will take the two professional board Registry examinations (WRT and CSE) to obtain the Registered Respiratory Therapist (RRT) credential. The Bachelor of Science Degree in Respiratory Therapy is awarded upon successful completion of the curriculum and award of the RRT credential.

Admission Policies

General

Students are classified in the College of Pharmacy and Health Sciences (COPHS) as pre-professional or professional. Pre-professional students are lower level students who have not been accepted into the professional phase of a major or program. Professional students are those who have been accepted into the professional phase of one of the various degree programs. Pre-professional students must maintain a GPA of 2.50 or greater and are subject to the guidelines of the Undergraduate Academic Advising Monitoring System within the College. This may result in varying academic status classifications including academic warning, academic probation, and academic suspension. Any student wishing to change their major to enroll in one of the majors offered by the College must have a minimum GPA of at least 2.50.

Admission to the Doctor of Pharmacy Program in the College of Pharmacy and Health Sciences is under the Office of Student Services

in the College (through an official Admissions and Academic Standards Committee) and the Coordinator of Admissions. **All correspondence on this subject should be directed to:**

the Coordinator of Admissions in the College of Pharmacy and Health Sciences

Admissions Office at Texas Southern University
3100 Cleburne

Houston, Texas 77004-9987

A completed application, including all required supporting credentials, should be received by the College Admissions Office as early as possible.

Please refer to the College website for the specific application deadline for the Doctor of Pharmacy Program (new students are admitted only in the Fall semester). Students seeking admission to programs in Health Sciences should contact the Advisor for the Department of Health Sciences to provide program specific deadlines and guidance for application to the professional phase of a program. Credentials for admission must, in every case, include a complete record of all previous high school, college, and/or university work.

Because of the uniqueness of the various programs in the College of Pharmacy and Health Sciences, it is important that interested persons consult the specific program criteria that complement the general policies described here and seek advisement from advisors in the program of interest.

All requirements for graduation with the entry-level Doctor of Pharmacy Degree must be completed within six years after enrollment in the Professional Program. All requirements for graduation with a B.S. degree in one of the Health Sciences programs must be completed within six years after initial enrollment as a freshman or within four years in the professional program. When this is not the case, the complete academic records of students in question will be subject to review by the Faculty of the College of Pharmacy and Health Sciences to determine whether continuation will be allowed. **During the semester prior to graduation, students must file a graduation application. They should contact the Office of Student Services regarding the graduation application process.**

1. For the Pre-Pharmacy Concentration

Students enrolled in the Pre-Pharmacy Concentration are admitted based on the University's admissions policy. This policy provides equal educational opportunity to all graduates of accredited high schools in the United States and foreign countries and also mature adults who have passed the GED examination.

Students admitted to the Pre-Pharmacy Concentration should be referred to the Office of Student Services for advisement after they have met University placement test requirements. These students are primarily eligible to take core curriculum courses leading toward the entry-level Doctor of Pharmacy until they are eligible to apply for admission to the Professional Pharmacy Program. Students applying for the Professional Pharmacy Program must also have met University placement test requirements. Enrollment in the Pre-Pharmacy Concentration is not a guarantee of admission to the Professional Pharmacy Program.

2. For the Professional Pharmacy Program or Curriculum

- Pre-professional (pre-pharmacy) students desiring to enroll in the Professional Pharmacy Program must submit an application for admission to the College's Admissions and Academic Standards Committee by the end of the first semester of the second year (sophomore level). The following should be noted:
 - Prior to admission to the Professional Pharmacy Program, students must have completed all of the requirements for the

first two years (pre-pharmacy curriculum) and met university placement test requirements.

- ii. No grade below "C" (2.00) will be accepted in the required courses. Students having grades below "C" in these courses will be allowed to repeat them, after which time they may apply again to the Professional Pharmacy Program.
- iii. The on-line application for admissions to the Entry-Level Pharm.D. Program and completed credentials must be received by the deadline stated on the College website for the year of admission.
- iv. The Pharmacy College Admissions Test (PCAT) is required for all students seeking admission. Applicants should see the College website for PCAT test dates that are acceptable. Applicants with PCAT scores more than one calendar year old will not be considered for admission.
- v. Applicants must be interviewed before admission is offered. A completed on-line application for admission, including the required letters of recommendation/evaluation, scores from the Pharmacy College Admission Test (PCAT), and academic transcripts are required prior to consideration for an interview. Submission of all required documentation does not guarantee an invitation for an interview.

b. Currently enrolled Professional-program students must maintain an average of "C" (2.00) or better and earn grades of "C" or better in required courses in any given year. If these standards are not maintained, the following rules will be enforced:

- i. Students may repeat the course(s), if offered, during the summer at the University or any approved accredited university before they can enter the next professional year of study. Students desiring to take pharmacy, health sciences or other courses off campus or in other departments of the University must secure permission from the Associate Dean for Academic Affairs of the College prior to registration.
- ii. Students failing (i.e., grade less than 'C') a required course will be allowed to repeat it twice. Students failing to receive a satisfactory grade after three unsuccessful attempts will not be allowed to continue in the Professional Pharmacy Program.

3. For Graduates of Foreign Schools of Pharmacy

The Faculty of the College of Pharmacy and Health Sciences has approved the following stipulations for all graduates of Foreign Schools of Pharmacy seeking the entry-level Doctor of Pharmacy Degree from Texas Southern University:

- a. All applicants in this category apply to the entry-level PharmD. program as a first year student, must take the Pharmacy College Admission Test (PCAT) and complete all prerequisites required for admission.
- b. All foreign transcripts must be evaluated by one of the approved agencies certified by Texas Southern University. A complete list of agencies may be obtained from the Office of International Affairs at Texas Southern University.
- c. All applicants in this category must meet the foreign language requirements of the University.

4. For the Pre-Health Sciences Program

Admission to the Pre-Health Sciences Program is open to all students who:

- a. present evidence of a having a diploma confirming high school graduation;
- b. show evidence of good character and intellectual promise; and

- c. present scores earned on either the SAT or ACT examination. Students in this category may follow the curriculum of study for the Health Sciences Program of choice prior to enrollment in professional-level courses.

Before enrollment in professional-level courses is permitted, students must formally apply for admission to the program of choice through the College of Pharmacy and Health Sciences Admissions and Academic Standards Committee and in accord with requirements or stipulations of each program as presented below. It is important that all applicants for the Health Sciences Programs seek advisement from the advisor of the program of interest. Once acceptance is recommended by the Committee, students may enroll in professional courses toward completion of requirements for the chosen Health Sciences Program degree and the respective professional credential.

5. For the Professional Program in Environmental Health

All students seeking admission to this program must formally apply to the Admissions and Academic Standards Committee in the College through the Program Director. Applications must be accompanied by official transcripts of all college work (with evaluations from the University Registrar) and three letters of recommendation from previous teachers, advisors, or workplace supervisors. All applicants must have a GPA of 2.50 or better on a 4.00 scale in mathematics, biology, chemistry, and physics before entering the program. Students must have acceptance prior to enrollment in professional courses. Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

6. For the Professional Program in Health Administration

Students are strongly advised to arrange an appointment with the program director or a faculty advisor prior to submitting an application to the professional Program. The advisor will assess your academic readiness to apply according to your completion rate of prerequisite courses, the first sixty hours in the degree plan. The minimum requirements for admission are a grade point average (GPA) of 2.5 on a 4.00 scale, two letters of recommendation, and completion of prerequisite courses by the beginning of the fall semester of entry into the professional Program.

All students accepted into the Health Administration Professional Program are expected to:

- a. attend the Professional Phase Orientation;
- b. avail themselves to Program professional development and networking opportunities;
- c. wear the official Health Administration blazer on indicated days; and
- d. be a participating member of the Student Healthcare Executive Association, the student led Health Administration campus organization. Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

7. For the Professional Program in Health Information Management

To qualify for admission to the Health Information Management Program, students must submit applications to the Admissions and Academic Standards Committee in the College through the Program Director. Three letters of recommendation and transcripts of all college studies (including transfer evaluations from the University Registrar) are required to be submitted with the application. Applicants must have an overall GPA of 2.50 or better on a 4.00 scale in mathematics, business, and computer science to qualify for admission and prior to enrollment in professional courses. Transfer

students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

8. For the Professional Program in Clinical Laboratory Science

Students seeking admission to this program must arrange an appointment with the Program Director prior to submitting an application. Following initial advisement, students make application to the program by April for matriculation in the Fall semester entry level professional courses. (There is only one entering class each year in the Fall semester). Applicants must be accepted prior to enrollment in professional courses. Students applying must submit applications to the Admissions and Academic Standards Committee in the College through the Program Director, three letters of recommendation from previous instructors, and transcripts of all college work completed (with evaluations from the University Registrar). In addition, they must have a GPA of 2.50 or better on a 4.00 scale in mathematics, biology, chemistry, and physics. Applicants are required to take the HOBET (Health Occupations Basic Entrance Test) examination. Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

9. For the Professional Program in Respiratory Therapy

Applications for admission to this program are accepted and finalized each Fall semester. Entry-level professional courses begin each Spring semester. The application process is competitive and requires submission of application the Admissions and Academic Standards Committee in the College through the Program Director. Three letters of recommendation and transcripts of all college studies completed (transferred credits must be evaluated by the University Registrar) are also required. Students applying must have a GPA of 2.50 or better on a 4.00 scale in mathematics and the basic sciences of biology, chemistry, and physics. Applicants are required to take the HOBET (Health Occupations Basic Entrance Test) examination. Transfer students can substitute FS 102 with any course to complete the total credit hours required for graduation by their degree plan.

All admissions requirements can be found on the College's website.

Transfer Credit

The designation of "advanced standing" may be granted, by level, to students transferring from other institutions into the Pre-Pharmacy Program, the Professional Pharmacy Program, or one of the Health Sciences Programs on a case-by-case basis through the Office of Admissions at the University, through the Admissions and Academic Standards Committee in the College, and under rules set forth by authorized committees of the University Faculty. However, **students transferring, specifically, into one of the Health Sciences Programs may transfer no more than sixty-six (66) semester credit hours from either a community or junior college.** Post-baccalaureate applicants receive transfer credit evaluation through program advisors. The University reserves the right to determine, after a period of at least one semester, the exact number of advanced credits that a student may be credited.

Classification of Students in Pharmacy

- First-Year Professional (P1) students must have been approved for admission to the professional program by the Admissions and Academic Standards Committee.
- Second-Year Professional (P2) students are Pharm.D. students who have successfully completed all prescribed first-year courses with a grade of "C" or better, completed the P1 formative exam, and P1 co-curricular requirements.

- Third-Year Professional (P3) students are Pharm.D. students who have completed all prescribed first and second-year courses with a grade of "C" or better, completed the P2 formative exam, and P2 co-curricular requirements.
- Fourth-Year Professional (P4) Pharm.D. students are students who have successfully completed pre-professional, first, second and third year prescribed courses with a grade of "C" or better, passed the P3 summative examination, and P3 co-curricular requirements. All students must have completed all prerequisites prior to the beginning of their P4 year in order to begin advanced pharmacy practice experiences.
- Students are required to maintain a GPA of 2.0 or better.

Classification of Health Science Majors

1. Pre-Professional Students

Pre-professional students are those students who have declared one of the following as a major: Clinical Laboratory Science, Environmental Health, Health Administration, Health Information Management Respiratory Therapy, or Pre-pharmacy.

These students are enrolled in the classes for the respective curricula, having met all requirements for admission to the university. Additionally, these students shall earn a minimum grade of "C" or better and maintain an overall GPA of 2.0.

- a. They shall have successfully completed the prescribed lower division work, met all Texas Success Initiative (TSI) requirements, and completed any applicable entrance examinations.
- b. They shall submit an application for admission and be accepted for admission by the Admissions and Academic Standards Committee.
- c. They shall have at least the required pre-requisite credit hours for admission to the programs.

2. Professional Phase Health Sciences Students

Professional Phase Health Science Students

- a. They shall have successfully completed the first-year professional courses.
- b. They shall have, at least, the required credit hours.

Class Attendance

Mandatory class attendance is the official policy of the College of Pharmacy and Health Sciences and applies to all students enrolled in courses offered through the college. Students are required by university policy to attend classes and he or she has the responsibility for performance of the work of the course, including the taking of examinations at the time they are administered to the entire class. A student shall complete all classroom assignments even though he or she might not have been in class when the assignment was made. Instructors are not obligated to give any "make-up work." Students missing tests or assignments due to absence from class are a cause for failure in that course.

Unavoidable absences because of illness or other emergencies do not relieve the student of any academic responsibilities. The student shall make arrangements with his/her instructor to obtain any classroom materials or information that was missed. Specific attendance policies may be included in the course syllabus.

Comprehensive Examinations

Pharmacy Students will be required to take formative and summative examinations at various phases during the curriculum.

During the fourth professional year of study, students must successfully complete a comprehensive examination where the score is validated by the Faculty. Graduation must occur within one year of successful completion of the Comprehensive Examination, or the Comprehensive Examination must be successfully repeated. In addition, a score of at least 75% in Texas Jurisprudence is required in order to be approved for graduation.

Environmental Health

Students shall pass a comprehensive examination prior to graduation with a score of 75%. The examination is administered during the senior year after candidates for graduation have initiated the graduation application process. Persons with prior certification in an environmental health profession or who have pursued certification examinations during the course of their studies from internationally acknowledged organizations, such as the National Environmental Health Association (NEHA), may be exempt from this requirement based upon positive outcomes. Students who do not successfully complete the comprehensive examination after the maximum number of attempts and any required remediation will be dismissed from the program.

Health Administration

A comprehensive examination is required of all students to complete this program. They shall pass this examination, which is given during their senior year, and they shall have the approval of the Program Director before attempting the examination.

Health Information Management

A comprehensive examination is required of all students to complete this program. They shall pass this examination, which is given during their senior year, with a score of 75% or better; and they shall have the approval of the Program Director before attempting the examination. Once the examination is completed, students are individually issued a Certificate of Completion in Health Information Management; and they may petition to take the American Health Information Management Association Board Examination. Students who do not successfully complete the comprehensive examination after the maximum number of attempts and any required remediation will be dismissed from the program.

Clinical Laboratory Science

All students in this program are required to pass a comprehensive examination during their senior year with a score of 75% or better prior to graduation. Students approved for graduation may also petition to take a national examination administered by The American Society of Clinical Pathology Board of Registry and The National Certification Agency for Medical Laboratory Personnel. Students failing the comprehensive examination will be required to complete remedial activities and/or course work prior to re-examination. In the case of failure, graduation shall occur within one year of successful completion of the examination, or all sections of the examination shall be repeated. Students will only be allowed to repeat the comprehensive examination twice. Students who do not successfully complete the comprehensive examination after the maximum number of attempts and any required remediation will be dismissed from the program.

Respiratory Therapy

Two program comprehensive examinations are required of all students for receipt of the program's Special Certificate of Completion in Respiratory Therapy. The two parts consist of the Certified Respiratory Therapist (CRT) examination and the Registered Respiratory Therapist (RRT) examination. The certificate obligates the student to successfully attempt the professional board examinations as a requisite to graduation. Students shall be approved by the Program Director to attempt the comprehensive examinations. Successful completion of both comprehensive examinations qualifies students to take the professional National Board of Respiratory Care Entry board examination to become a Certified Respiratory Therapist (CRT) and Registered Respiratory Therapist (RRT). The CRT comprehensive examination shall be passed prior to attempting the RRT comprehensive examination. The passing score for both examinations is accord with national passing rates, which require a scaled score of 70. Students failing any part or parts of the program's comprehensive examinations will be required to enroll in documented recapitulative course work prior to re-examination. Students who do not successfully complete the comprehensive examination after the maximum number of attempts and any required remediation will be dismissed from the program.

Scholastic Reports and Probation

Temporary grades for students are reported at mid-semester. If students are doing unsatisfactory work at that time, they have full responsibility for their own improvement, and it is recommended that they confer with their assigned faculty advisors and with course instructors for advisement. Poor scholarship, non-attendance, questionable conduct, or lack of industry are reasons for placing a student on probation and for possible dismissal. If the probation is a result of poor scholarship, it is the responsibility of individual students to report at least once a month to their faculty advisors. Poor scholarship is interpreted to mean failure to earn at least twice as many quality or grade points as semester credit hours attempted during any semester.

Academic Discipline

Academic discipline is primarily for corrective purposes and is aimed at the development of responsible student conduct. The University has the right and the duty to protect its educational purpose through setting and maintaining standards and regulations considered essential to its purpose. Such standards encompass both dress and behavioral patterns. Guidelines for proper professional conduct include honesty and personal integrity; respect for human rights, dignity, and well being; proper language; neatness in personal appearance; courtesy; and cooperation. Disciplinary regulations and procedures are described in the Student Academic Handbook. It should be kept in mind that suspension and expulsion are among the penalties for grave breaches of discipline. A copy of the Student Academic Handbook for the College of Pharmacy and Health Sciences is available on the College website, in the Office of the Dean, in the Office of the Assistant Dean for Student Services, and in the Health Sciences Department Office.

Professional Fees

Pharmacy and Health Sciences Fee

In addition to standard tuition and fees, students shall pay professional fees associated with required exams or courses to attain professional certifications and supplemental resources.

Professional Student Liability Insurance

All students who are enrolled in practice experiences in pharmacy or health sciences programs are required to purchase liability insurance. The insurance is mandatory and serves to protect the student and the College of Pharmacy and Health Sciences, and is a condition for affiliation with other participating institutions.

Health Insurance

Health insurance that covers inpatient and outpatient services is a requirement of all students participating in practice experiences and is a condition of the affiliation agreements with host institutions.

Background Check

A background check is required of students participating in practice experiences. Students are referred to an on-line third party vendor, as appropriate, to request the background check and are responsible for any associated costs and paperwork.

Special Requirements for Pharmacy and Health Science Students Participating in Practice Experiences

Students in the College who are enrolled in professional practice experiences will be required to present proof of the following:

1. Current record of required immunizations, including Meningitis, MMR (Measles, Mumps, Rubella), Hepatitis B (series I, II, III), Diphtheria/Tetanus, Tuberculin skin test (annual) and other emerging immunization requirements. Any student who has a positive PPD must provide copy of a recent chest x-ray, and Varicella compliance. Students must provide dates of Varicella vaccination or a positive antibody titer. These requirements are subject to change depending upon requests from affiliates.
2. Cardiopulmonary Resuscitation (CPR) Training
3. Health Insurance Portability and Accountability Act (HIPA) Training
4. Occupational Exposure to Blood Borne Pathogens Training

Additionally, students admitted to the Professional Pharmacy Program will be required to present proof of having the appropriate immunizations prior to being seated in the incoming first professional year class.

The students must meet all other specific requirements of affiliated health care facilities.

Special Regulations in the College of Pharmacy and Health Sciences

The Dean's Office is the executive office of the Faculty. It is the Dean's duty, under the direction of the Provost/ Vice-President for Academic Affairs/Research and President, to enforce the rules of the Faculty, the rules of the Board of Regents, and to administer discipline in the case of violations.

Students must repeat any course in the Pharmacy or Health Sciences curricula in which a grade below 'C' (including 'C-') has been earned. Grades of 'C-' or less may not be used to fulfill the major requirements for graduation.

Right to Modify

The information contained in this bulletin is considered to be descriptive in nature and not contractual. The University reserves the right to change

any policy, requirement, or fee at any time during the time that students are enrolled. Courses are also subject to change.

Description of Departments in the College

The three departments housed in the College of Pharmacy and Health Sciences are described in detail on the pages that follow. They are described in the following order:

1. Department of Pharmaceutical and Environmental Sciences,
2. Department of Pharmacy Administration and Administrative Health Sciences, and
3. Department of Pharmacy Practice and Clinical Health Sciences.

Department of Pharmaceutical and Environmental Health Sciences

The Department of Pharmaceutical and Environmental Health Sciences, along with the Department of Pharmacy Practice and Clinical Health Sciences, offers courses leading to the **Doctor of Pharmacy Degree**. The Doctor of Pharmacy (Pharm.D.) is a six-year program requiring a minimum of two years of study at the pre-professional (pre-pharmacy) level and four years of study at the professional level. Courses offered through this department include the following disciplines: biochemistry in human diseases, pharmaceuticals, pharmacokinetics, and integrated courses including pharmaceutical/medicinal chemistry, pathophysiology, and pharmacology.

The Department of Pharmaceutical and Environmental Health Sciences offers a B.S. in Environmental Health. The **Environmental Health Program** provides graduates with the technical and administrative skills to function in industry, governmental agencies, consulting firms, and academia. Graduates are qualified to enter the workforce in air and water quality control, solid and hazardous waste management, occupational health and industrial hygiene, environmental toxicology and risk assessment, epidemiology, and disease surveillance.

Students should refer to program admission policies, comprehensive examination information, and other important information regarding the B.S. degree offered through this department within the College of Pharmacy and Health Sciences introductory section of this document.

The Department of Pharmaceutical and Environmental Health Sciences also offers courses leading to the Doctor of Philosophy (Ph.D.) degree and a contingent or default Master of Science (M.S.) degree in Pharmaceutical and Environmental Health Sciences. Students who are interested in pursuing a graduate degree in Pharmaceutical and Environmental Health Sciences should consult the Graduate School Bulletin of Texas Southern University for further information or visit the website (www.tsu.edu (<http://www.tsu.edu>)).

Members of the faculty in the Department of Pharmaceutical and Environmental Health Sciences are housed in Gray Hall with the Department Office located in Gray Hall Room 124. The Department supports the primary mission of the College of Pharmacy and Health Sciences to produce quality health care professionals, particularly minorities who are competent in health care delivery including the provision of patient-centered care and other health care services and programs.

Since the Department offers courses leading to the entry-level Pharm.D. with the Department of Pharmacy Practice and Clinical Health Sciences

(described in the next section), interested students should refer to the end of the next section for a summary of requirements for the entry-level Pharm.D. degree and the sequence in which required courses should be taken. Courses offered through the Department of Pharmaceutical and Environmental Health Sciences are described below.

Students should refer to admission policies, formative, summative, comprehensive and other examination and important information regarding the completion of the entry-level Pharm.D. under the College of Pharmacy and Health Sciences Overview section of this document.

- Environmental Health, Bachelor of Science (p. 299)

Health Sciences Core Courses

HSCR 150 Concepts Of Health (3 Credits)

Concepts of Health (3) Overview of the health care industry and its transition from the past to the present via the scientific process and analysis of relationships among selected health problems. Three hours of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSCR 260 Biomedical Ethics (3 Credits)

Biomedical Ethics (3) Comprehensive study of ethical rules, principles, and theories; their application to contemporary moral issues/dilemmas; and their impact on the legal, social, and medical communities. Three hours of lecture per week. Prerequisite: HSCR 150 or concurrent enrollment.

Prerequisite(s): HSCR 150 (may be taken concurrently)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSCR 300 Hlth Sciences Sem (1 Credits)

Health Sciences Seminar (1) Exposure to current social, political, and economics issues; their impact on specific health disciplines via discussions, simulations, and presentations. One hour of lecture per week. Prerequisite: HSCR 150 or concurrent enrollment.

Prerequisite(s): HSCR 150 (may be taken concurrently)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSCR 360 Princ Of Disease (3 Credits)

Principles of Disease (3) Comprehensive study of principles and concepts in human disease focusing on the cellular and mechanistic processes involved in disease and the clinical and physiological manifestations that result. Etiology, pathogenesis, treatment, prognosis and research relative to human disease and health are stressed. Three hours of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSCR 361 Research For Hlth Prof (3 Credits)

Research for Health Professionals (3) Review of the basic techniques and the principles of the research process in health facilities. Enrollees must perform quantitative health research using computer applications. Three hours of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

Pharmaceutical Science Courses

PHAR 111 Pharmacy Orientation (1 Credits)

Pharmacy Orientation (1) Survey of the pharmacy profession with emphasis on history, ethics, careers, and professional organizations. One hour of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHAR 112 Pharmacy Orientation (1 Credits)

Pharmacy Orientation (1) Survey of the pharmacy profession with emphasis on history, ethics, careers, and professional organizations. One hour of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 211 Pharmacy Applications (1 Credits)

Pharmacy Applications (1) Study of the fundamental principles underlying the science and practice of pharmacy in the United States. One hour of lecture per week. Prerequisites: PHAR 111, PHAR 112 and successful completion of freshman biology and chemistry courses.

Prerequisite(s): (PHAR 111 and PHAR 112)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 212 Medical Terminology (1 Credits)

Medical Terminology (1) Programmed course of study building medical words from Greek and Latin prefixes, suffixes, word roots, and combining forms. Professional students are required to complete this course. One hour of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHAR 426 Pathophysiology (2 Credits)

Principles and concepts about human diseases and their pathophysiological nature. Emphasis will be placed on common significant diseases and evidence based medical science and practice.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 428 Pharmacology (2 Credits)

Principles of pharmacology forming the basis for drug therapy.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 433 Pharmaceutics I Calculations (3 Credits)

Pharmaceutics I - Calculations (3) Problems, calculations, and processes involving weights and measures, specific gravity, percentage, solutions, and alligations peculiar to pharmacy and related sciences. Three hours of lecture per week. Prerequisite: First professional year standing in the College of Pharmacy and Health Sciences. Corequisite: Concurrent enrollment in PHAR 413.

Prerequisite(s): PHAR 413 (may be taken concurrently)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 434 Pharmaceutics II Dosage Forms (3 Credits)

Pharmaceutics II - Dosage Forms I (3) Biopharmaceutics and the application of physicochemical principles with applications to drugs, dosage forms, and drug action. Three hours of lecture per week. Prerequisites: PHAR 413 and PHAR 433. Corequisite: Concurrent enrollment in PHAR 414.

Prerequisite(s): (PHAR 433 and PHAR 413 and PHAR 414 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 414 Pharmaceutics II Lab (1 Credits)

Pharmaceutics II Laboratory (1) Demonstrations, case studies, recitation, simulations, presentations, and small group discussions to accompany PHAR 434. Three hours of laboratory per week. Prerequisite/Corequisite: Successful completion of or concurrent enrollment in PHAR 434.

Prerequisite(s): PHAR 434 (may be taken concurrently)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 539 Pharm III Pharmacokinetics (3 Credits)

Basic principles of in vivo drug kinetics (linear and nonlinear), principles of bioavailability/bioequivalence, and factors that affect bioavailability of a drug such as physio-chemical properties, dosage formulations, and physiological factors. Prerequisites: PHAR 434, PHAR 414, and completion of all 400-level courses in the professional pharmacy program. Co-requisite: Successful completion of or concurrent enrollment in PHAR 519.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 519 Pharm III Pharmacokinetics Lab (1 Credits)

Examples and problems utilizing pharmacokinetic principles as applied to drug therapy. Prerequisites: PHAR 434, PHAR 414, and completion of all 400-level courses in the professional pharmacy program. Co-requisite: Successful completion of or concurrent enrollment in PHAR 539.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 530 Principles of Drug Action I (3 Credits)

An integrated course incorporating pathophysiology, pharmacology, and pharmaceutical/medicinal chemistry concepts essential to understanding the basis of drug use in diseases of the nervous and renal systems. Core concepts include mechanism of drug action and the chemical basis of pharmacology.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)College of Pharm & Hlth Sci

PHAR 538 Principles of Drug Action III (3 Credits)

Continuation of PHAR 439. Interdisciplinary course incorporating pathophysiology, pharmacology, and pharmaceutical/medicinal chemistry concepts essential to understanding the basis of drug use in diseases of the eye, ear, nose, and throat, integumentary system, and endocrine system. Prerequisites: PHAR 439, PHAR 419, and completion of all 400-level courses in the professional pharmacy program. Co-requisite: Successful completion of or concurrent enrollment in PHAR 518.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 518 Prin of Drug Action Lab III (1 Credits)

Demonstrations, case studies, recitation, presentations, and small group discussions to accompany PHAR 538. Prerequisites: PHAR 439, PHAR 419, and completion of all 400-level courses in the professional pharmacy program. Co-requisite: Successful completion of or concurrent enrollment in PHAR 538.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 541 Principles of Drug Action II (4 Credits)

An integrated course incorporating pathophysiology, pharmacology, and pharmaceutical/medicinal chemistry concepts to understanding the basis of drug use in diseases of the cardiovascular and endocrine systems. Core concepts include mechanism of drug action and the chemical basis of pharmacology.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)College of Pharm & Hlth Sci

PHAR 601 Special Problems (1-8 Credits)

Special Problems (0-8) Methods in pharmaceutical sciences and clinical research; application of hypothesis formulation, literature evaluation, experimental design, clinical skills, data acquisition/analysis, and formal presentations. Variable number of hours of lecture per week. Students may enroll in up to a total of 8 semester credit hours of Special Problems while in the professional pharmacy program. Prerequisite: Special permission by the Department.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

PHAR 648 Principles of Drug Action III (4 Credits)

An integrated course incorporating pathophysiology, pharmacology, and pharmaceutical/medicinal chemistry concepts to understand the basis of drug use in infectious diseases, immune/respiratory systems disorders. Core concepts include mechanism of drug action and the chemical basis of pharmacology.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)College of Pharm & Hlth Sci

Pharmaceutical Chemistry Courses

PHCH 410 Introduction to Medicinal Chemistry (1 Credits)

Introduction to Medicinal Chemistry Principles. Topics include structure activity relationships, drug metabolism and principles of drug discovery.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHCH 411 Pharmaceutical Chemistry I Lab (1 Credits)

Pharmaceutical Chemistry I Laboratory (1) Demonstrations, case studies, recitation, presentations, and small group discussions to accompany PHCH 431. Three hours of laboratory per week. Prerequisite/Corequisite: Successful completion of or concurrent enrollment in PHCH 431.

Prerequisite(s): PHCH 431 (may be taken concurrently)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

For degree plan and curriculum, please see the Department of Pharmacy Practice.

Environmental Health Courses

HSEH 232 Intro To Environ Hlth (3 Credits)

Introduction to Environmental Health (3) Survey of topics in population and resource management, fundamentals of air and water pollution, solid and hazardous wastes, pest and vector control, and radiation protection. Open to majors and non-majors. Three lecture hours per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 233 Epidemiology & Biostat (4 Credits)

Epidemiology and Biostatistics (4) Principles of distribution and determinants of diseases in human populations, including statistical methods and computer applications in data collection and analysis. Four hours of lecture per week. Prerequisite: HSEH 232.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSEH 234 Health Physics (3 Credits)

Health Physics (3) Fundamentals of ionizing and non-ionizing radiation with respect to source, exposure dose, biological interaction, methods of surveillance, and protection. Three hours of lecture per week.

Prerequisite: HSEH 233.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSEH 235 Human Ecology (3 Credits)

Human Ecology (3) Principles of environmental physiology; medical geography and sociology; international and travel health; adaptation mechanisms to extremes of temperature, pressure, altitude, and microgravity; circadian rhythms. Three hours of lecture per week.

Prerequisite: HSEH 233.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 334 Pub Hlth Org & Admin (3 Credits)

Public Health Organization and Administration (3) Principles of organization and administration of environmental health programs by governmental agencies, including disease surveillance and health data management, environmental policy and ethics, and health education. Three hours of lecture per week. Prerequisite: HSEH 233.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSEH 337 Environ Microbio (4 Credits)

Environmental Microbiology (4) Survey of microorganisms of ecological, medical, and industrial importance with respect to nutrient recycling, food spoilage, infectious diseases, and biotechnology. Two hours of lecture and four hours of laboratory per week. Prerequisite: HSEH 232.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 338 Water Pollution & Control (3 Credits)

Water Pollution and Control (3) Survey of chemical, physical, and biological pollutants affecting water quality for drinking and other designated end uses. Pollution monitoring and control strategies also discussed. Three hours of lecture per week. Prerequisite: HSEH 337.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 339 Air Pollution & Control (3 Credits)

Air Pollution and Control (3) Survey of ambient and indoor air quality changes due to toxic emissions. Atmospheric chemistry and meteorology, standard air pollution indicators, global climate changes, and control strategies discussed. Three hours of lecture per week.

Prerequisites: HSEH 232 and HSEH 344.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 344 Environ Chem (4 Credits)

Environmental Chemistry (4) Comprehensive survey of behavior and fate of chemical pollutants in atmosphere, hydrosphere, geosphere, and biosphere, including standard methods of chemical analysis of environmental media. Two hours of lecture and four hours of laboratory per week. Prerequisite: HSEH 232.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 425 Insect & Vector Control (3 Credits)

Insect and Vector Control (3) Comprehensive survey of agricultural and urban pests, disease transmitting vectors and their habitat, principles of entomology, parasitology and zoonoses, integrated vector control, and pest management. Three hours of lecture per week. Prerequisite: HSEH 344.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSEH 431 Solid Waste Mgmt (3 Credits)

Solid Waste Management (3) Municipal solid waste problems and solutions: generation, storage, collection, transport, processing, and disposal. Three hours of lecture per week. Prerequisite: HSEH 337.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSEH 432 Hazardous Waste Mgmt (3 Credits)

Hazardous Waste Management (3) Industrial, medical, and household hazardous waste problems and solutions: generation, characterization, transport, storage, treatment, and disposal. Minimization, exchange, recovery, incineration, and secure landfills discussed. Three hours of lecture per week. Prerequisites: HSEH 338 and HSEH 344.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSEH 433 Institu Hlth & Safety (3 Credits)

Institutional Health and Safety (3) Survey of structural, electrical, and fire safety of residential, school, hospital, day-care, and penal institutions. Sick building syndrome, emergency planning, and accommodation of disabled persons discussed. Three hours of lecture per week.

Prerequisite: HSEH 235.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSEH 434 Sewage Trtmt & Disposal (3 Credits)

Sewage Treatment and Disposal (3) Industrial, agricultural, and municipal wastewater collection, transport, treatment, and disposal. Design and operation of sewage treatment plants, on-site and waterless systems, and sludge management discussed. Three hours of lecture per week.

Prerequisite: HSEH 338.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 435 Environ Hlth Probs (3 Credits)

Environmental Health Problems (3) Global environmental issues: famine and starvation, environmental refugees, environmental justice and equity, hazardous waste sites, housing and urban blight, crime and substance abuse. Three hours of lecture per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 436 Independent Study (3 Credits)

Students will acquire and apply knowledge of environmental health issues, challenges, and environmental health systems. When necessary for student progression, the course will offer a specialized designed curriculum to fill student deficiencies that are needed for on-time graduation. 3 hours lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 442 Safety & Health (3 Credits)

Occupational Safety and Health (3) Recognition, measurement, evaluation, and control of workplace hazard exposures. Fundamentals of industrial hygiene, ergonomics, occupational disease surveillance, hazard communication, and worker protection discussed. Three hours of lecture per week. Prerequisites: HSEH 339 and HSEH 450.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 450 Environ Toxicology (3 Credits)

Environmental Toxicology (3) Comprehensive survey of principles of toxicodynamics and toxicokinetics; xenobiotic dispersal and ecosystem response; exposure pathways and target organs; mechanisms of toxicity; toxicity testing for mutagenesis, carcinogenesis, and teratogenesis. Three hours of lecture per week. Prerequisite: HSEH 234.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

HSEH 451 Environ Impact Assessmt (3 Credits)

Environmental Impact Assessment (3) Consideration of environmental impacts and risks of legislative proposals, policies, programs, and projects following NEPA regulations: qualitative/quantitative risks, identification, characterization, exposure assessment, dose-response determination, interpretation, communication, and management. Three hours of lecture per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSEH 460 Internship (3 Credits)

Internship (3) Field practicum in industry, governmental agencies, consulting firms, and academic research facilities providing observation and participation in the practice of environmental health programs. Prerequisite: Junior level EH major prior to enrolling in the course.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

Environmental Health, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 299)	42
	Major Requirements (p. 299)	60
	Other Requirements (p. 300)	27
	Minor (p. 300)	0
Total Hours		129

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3

Life and Physical Sciences		
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Visual & Performing Arts ⁴		3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Social and Behavioral Sciences ⁵		3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ Select from the following courses: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301).

⁵ Select from the following courses: PSY 131 General Psychology, ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality and SOC 238 Introduction To Anthropology.

Major (Environmental Health)

Code	Title	Hours
HSEH 232	Intro To Environ Hlth	3
HSEH 233	Epidemiology & Biostat	4
HSEH 234	Health Physics	3
HSEH 235	Human Ecology	3
HSEH 334	Pub Hlth Org & Admin	3
HSEH 337	Environ Microbio	4
HSEH 338	Water Pollution & Control	3
HSEH 339	Air Pollution & Control	3
HSEH 344	Environ Chem	4
HSEH 425	Insect & Vector Control	3
HSEH 431	Solid Waste Mgmt	3
HSEH 432	Hazardous Waste Mgmt	3
HSEH 433	Institu Hlth & Safety	3
HSEH 434	Sewage Trtmt & Disposal	3

HSEH 435	Environ Hlth Probs	3
HSEH 442	Safety & Health	3
HSEH 450	Environ Toxicology	3
HSEH 451	Environ Impact Assessmt	3
HSEH 460	Internship	3
Total Hours		60

Other Requirements

Code	Title	Hours
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
BIOL 131	Biological Science I	3
BIOL 132	Biological Science II	3
CHEM 211	Organic Chem I Lab	1
CHEM 231	Organic Chem I	3
HSCR 150	Concepts Of Health	3
HSCR 260	Biomedical Ethics	3
HSCR 360	Princ Of Disease	3
Select one of the following:		3
PHYS 101	Principles of Physics	
PHYS 237	College Physics I (with lab)	
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		27

Minor Requirements

No Minor Required.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
	Visual and Performing Arts ¹	3
CHEM 111	Chemistry I Lab	1
CHEM 131	Chemistry I	3
MATH 133	College Algebra	3
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		18
Second Semester		
ENG 132	Freshman English II	3
SOC 157	Introduction To Sociology	3
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
CS 116	Intro To Compr Science I	3
Hours		17

Second Year

Third Semester

ENG 230-ENG 244	English Literature	3
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
CHEM 211	Organic Chem I Lab	1
CHEM 231	Organic Chem I	3
PHYS 101	Principles of Physics	3
Hours		16

Fourth Semester

POLS 236	Texas Government	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
HIST 232	Soc & Pol Hist US Since 1877	3
HSCR 150	Concepts Of Health	3
HSEH 232	Intro To Environ Hlth	3
HSCR 260	Biomedical Ethics	3
Hours		18

Third Year

Fifth Semester

HSEH 233	Epidemiology & Biostat	4
HSEH 338	Water Pollution & Control	3
HSEH 235	Human Ecology	3
HSCR 360	Princ Of Disease	3
HSEH 334	Pub Hlth Org & Admin	3
Hours		16

Sixth Semester

HSEH 337	Environ Microbio	4
HSEH 434	Sewage Trtmt & Disposal	3
HSEH 450	Environ Toxicology	3
HSEH 442	Safety & Health	3
HSEH 435	Environ Hlth Probs	3
Hours		16

Fourth Year

Seventh Semester

HSEH 234	Health Physics	3
HSEH 432	Hazardous Waste Mgmt	3
HSEH 425	Insect & Vector Control	3
HSEH 433	Institu Hlth & Safety	3
HSEH 344	Environ Chem	4
Hours		16

Eighth Semester

HSEH 460	Internship	3
HSEH 339	Air Pollution & Control	3
HSEH 451	Environ Impact Assessmt	3
HSEH 431	Solid Waste Mgmt	3
Hours		12
Total Hours		129

¹ Visual and Performing Arts: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301).

² Internship Practicum is offered in the regular semester as well as for students concurrently registered for structured classes during the semester.

Department of Pharmacy Administration and Administrative Health Services

The Department of Pharmacy Administration and Administrative Health Sciences offers two baccalaureate or undergraduate degrees: **the Bachelor of Science (B.S.) in Health Administration and the B.S. in Health Information Management**. Each degree program has a Program Director, and courses specific to each program are offered through the Department under the following designations: HSEH (Environmental Health), HSHA (Health Administration), HSHI (Health Information Management), CLSC (Clinical Laboratory Science), and HSRT (Respiratory Therapy). Student majors within the Health Sciences are required to complete three to six HSCR (Health Sciences Core) courses, which are also offered through the Department.

The **Health Administration Program** provides market ready graduates with the competencies and skills to be effective administrators and managers in health delivery systems. Graduates are prepared to function effectively in response to trends, issues, and challenges affecting both health care systems and the health and welfare of the population.

The **Health Information Management Program** provides graduates with the technical and administrative skills to manage health information systems consistent with professional standards (medical, administrative, ethical, and legal) in health care delivery systems. Graduates also possess the knowledge and skills needed to plan and develop health information systems which meet standards of accrediting and regulating agencies.

Courses offered through the Department, curricular summaries for the various degrees, and the sequences in which program-specific courses and their primary prerequisite and co-requisite courses should be taken are indicated below.

Students should refer to program admission policies, comprehensive examination information, and other important information regarding the various B.S. degrees offered through this department within the College of Pharmacy and Health Sciences introductory section of this document.

The Department of Pharmacy Administration and Administrative Health Sciences also offers Master of Science (M.S.) degree in Health Care Administration. Students who are interested in pursuing a graduate degree in Health Care Administration should consult the Graduate School Bulletin of Texas Southern University for further information or visit the website (www.tsu.edu (<https://catalog.tsu.edu/undergraduate/schools-colleges/pharmacy-health-sciences/pharmacy-administration-administrative-health-services/http://www.tsu.edu>)).

- Clinical Laboratory Science, Bachelor of Science (p. 310)
- Health Administration, Bachelor of Science (p. 312)

- Health Information Management, Bachelor of Science (p. 314)
- Respiratory Therapy, Bachelor of Science (p. 316)

Health Administration Courses

HSHA 211 Health Info Systems (3 Credits)

Health Information Systems (3) Overview of the methods for collecting health data in the preparation of health surveys and reports with computer research applications emphasized. Three hours of lecture per week.

Prerequisite(s): (HSCR 150 and ENG 131 and ENG 132)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSHA 233 History and Sociology of Healthcare (3 Credits)

An Investigation of the historical aspects of health and healthcare. 3 credit hour course.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 234 Hlthcare Issue/Professionalism (3 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 262 Public Policy & Hlth Care (3 Credits)

Public Policy and Health Care (3) Overview of major national and state health legislation and health policy. Three hours of lecture per week.

Prerequisite(s): (CS 116)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSHA 312 Health Admin In Sch System (3 Credits)

Health Administration in School Systems (3) Examination of health care issues in the Houston Independent School District where enrollees are provided an opportunity to perform projects in school health settings. Three hours of lecture per week.

Prerequisite(s): (HSHA 211 and HSHA 262)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSHA 313 Hlth Care Of Poor (3 Credits)

Health Care of the Poor (3) Examination of health care issues affecting the uninsured, the working uninsured, and the poor in the health care system. Three hours of lecture per week.

Prerequisite(s): (HSHA 211 and HSHA 262)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSHA 314 Fin & Econ Of Hlth Care (3 Credits)

Finance and Economics of Health Care (3) Overview of health care financial and economics concepts in health care facilities. Three hours of lecture per week.

Prerequisite(s): (PA 321)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSHA 330 Intro to Hlthcare Adm & Mgmt (3 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 331 Health Information Systems (3 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 332 Intro Commun & Population Hlth (3 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 333 Hlthcare Finance & EconomicsI (3 Credits)**College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 334 Long-Term Care (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 335 Hlth Pol & US Hlthcare Sys (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 336 Res Health Professionals (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 337 Intro Human Resource Manag HC (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 338 Hlthcare fin & Econ II (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 339 Health Disparities (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 361 Long Term Care (3 Credits)**

Long Term Care (3) Introductory examination of health issues on the rehabilitation and continuing care level: nursing homes, geriatric wellness centers, and homes for the mentally retarded. Three hours of lecture per week.

Prerequisite(s): (PA 271 and HSHA 211 and HSHA 262)**College/School:** College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences**HSHA 363 Ambula Hlth Care Servs (3 Credits)**

Ambulatory Health Care Services (3) Examination of outpatient health care delivery settings: ambulatory surgery centers, fitness centers, clinics, and HMO's. Three hours of lecture per week.

Prerequisite(s): (HSCR 360 and HSHA 313)**College/School:** College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences**HSHA 365 Global Health (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences**HSHA 411 Internship (3,6 Credits)**

Health Administration Internship (3) Direct exposure of students to professional work experiences and responsibilities through workplace settings. May be taken twice for credit. One hour of lecture and thirty-eight hours of laboratory per week. Prerequisite: Consent of the Program Director and instructor.

College/School: College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences**HSHA 412 Legal Eth Bmed Aspects Hlt (3 Credits)**

Legal, Ethical, and Biomedical Aspects of Health Care (3) Examination of issues in health care from an ethical, medical, sociological, and legal perspective. Three hours of lecture per week.

Prerequisite(s): (HSCR 360)**College/School:** College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences**HSHA 413 Sem Community Health (3 Credits)**

Seminar in Community Health (3) Detailed examination of state and local health care issues: role of the U. S. Department of Health and Human Services and the Harris County Health System. Three hours of lecture per week.

Prerequisite(s): (HSCR 300)**College/School:** College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences**HSHA 414 Sem Issues In Hlth Care (3 Credits)**

Seminar in Issues in Health Care (3) Detailed study of health care management issues. Three hours of lecture per week. Prerequisites: HSHA 211, HSHA 363, PA 311, and PA 312.

Prerequisite(s): (HSHA 211 and HSHA 363 and PA 311 and PA 312)**College/School:** College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences**HSHA 430 HC Symposium/Professional Dev (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 431 HC Mgmt & Leadership (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 432 HC Org: Oper/Quality Control (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 433 HC Org: Strategic Plan & Mktg (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 434 Legal & Ethic Aspects Hlthcare (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 435 Introduction to Global Health (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 438 Hlth Admin: Independent Study (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 439 Hlth Admin: Capstone & IPE (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Praticce/Clinical Hlth Sci**HSHA 451 Health Care Of The Aged (3 Credits)**

Health Care of the Aged (3) Detailed review of current and future issues in the delivery of health care services to the aged for interdisciplinary students. Three hours of lecture per week. Prerequisites: HSHA 211, HSHA 363, PA 311, and PA 312 or consent of the instructor.

Prerequisite(s): (HSHA 211 and HSHA 363 and PA 311 and PA 312)**College/School:** College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences**HSHA 461 Health Administration Internship (6 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc

Health Information Management Courses

HSHI 362 Med Term Word Processing (3 Credits)

Medical Terminology/Word Processing (3) Designed to extensively develop the student's medical vocabulary: Greek and Latin prefixes, suffixes, word roots, and combining forms used to build medical terms. Three hours of lecture per week. Prerequisites: BIOL 135 and BIOL 136.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 363 Basic Foundations I (3 Credits)

Basic Foundations I (3) Introduction to health information systems and technology; assessment of institutional and patient-related information needs; departmental, informational, service, and operational needs. Three hours of lecture per week. Prerequisite: HSCR 150.

Prerequisite(s): (HSCR 150)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 363L Basic Foundations I Lab (2 Credits)

Basic Foundations Laboratory (2) Designed to simulate a health information department with the activities of health information management. Prerequisite: HSCR 150. Co-requisite: Enrollment in HSHI 363 required. Six hours of laboratory per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 364 Management of Health Data I (3 Credits)

Management of Health Data I (3) Indexes and registries; nomenclature and classification systems; data abstraction; departmental operations and services. Three hours of lecture per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 365, and HSHI 366.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 364L Management of Health Data Lab (2 Credits)

Management of Health Data Laboratory (2) Simulated activities where students are given the opportunity to practice coding diagnoses and procedures from actual medical records using computer technology. Six hours of laboratory per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 365, and HSHI 366.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 365 Directed Practice I (2 Credits)

Directed Practice I (2) Students assigned to Health Information Management Departments for experiences in the technical aspects of health information management. Two hours of lecture and one hour of laboratory per week. Prerequisites: BIOL 135 and BIOL 136.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 366 Legal Aspects (2 Credits)

Legal Aspects (2) Legal terminology; the court system; control and use of health information; health care legislation and regulations; confidentiality; ethical standards for health information managers. Two hours of lecture per week. Prerequisites: HSCR 150 and HSCR 260.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 373 Basic Foundations II (2 Credits)

Basic Foundations II (2) Management of health information in non-traditional settings: long-term care, ambulatory care, hospices, home health care, psychiatric centers, and rehabilitation facilities. Two hours of lecture per week. Prerequisites: HSHI 363 and HSHI 363L.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 374 Management of Health Data II (2 Credits)

Management of Health Data II (2) Clinical coding procedures, outpatient coding, statistics, and reporting guidelines. Two hours of lecture per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 364, HSHI 365, and HSHI 366.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 401 In-Service Training Health Information Managers (1 Credit)

In-Service Training for Health Information Managers (1) Presentation of in-service training tools and techniques. One hour of lecture per week. Prerequisite: HSHI 479.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 402 Comprehensive Health Information Management (1 Credit)

Comprehensive Health Information Management (1) Review of competencies addressed in all professional courses. Students enrolled must pass a comprehensive examination with a score of 75% or better prior to graduation. Prerequisites: Completion of all HSCR and HSHI courses, except HSHI 476 and HSHI 478.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 473 Quality Assurance Management (3 Credits)

Quality Assurance Management (3) Theory and application of quality improvement, utilization review, risk management, Medicare and Medicaid review process, and other laws and regulations applicable to health information systems. Three hours of lecture per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 364, HSHI 365, and HSHI 366.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 474 Computerized Health Information Systems (3 Credits)

Computerized Health Information Systems (3) Evaluation of hardware and software components of computers for health information systems: design and cost effectiveness, record linkages, and data sharing. Three hours of lecture per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 364, HSHI 365, and HSHI 366.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 475 Directed Practice II (3 Credits)

Directed Practice II (3) Students assigned to a health information management center for experiences in quality improvement, computer applications, classification systems, and statistical analysis of health information. One hour of lecture, one hour of laboratory, independent study per week. Prerequisites: HSHI 362, HSHI 363, HSHI 363L, HSHI 364, HSHI 365, and HSHI 366.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 476 Preceptorship (4 Credits)

Preceptorship (4) Students assigned to a health information center for administrative management training. Individual projects assigned for completion at site. One hour of lecture and ten hours of laboratory per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 477 Mgmt of Hlth Info Systems (4 Credits)

Management of Health Information Systems (4) Theories of managerial concepts and control mechanisms as applied to health information systems. Four hours of lecture per week. Prerequisites: All HSHI courses through HSHI 475.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 478 Probs In Medical Records (2 Credits)

Problems in Medical Records / Health Information Management (2) Problem identification and resolution, including formulation of alternative solutions, for health information management. Post-preceptorship discussions also included. Two hours of lecture per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSHI 479 Health Info Personnel Mgmt (3 Credits)

Health Information Personnel Management (3) Discussion of the skills, techniques, policies, and procedures needed for successful human resource management: interview process, performance appraisals, and wage and salary administration. Three hours of lecture per week. Prerequisites: All HSHI courses through HSHI 475.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

Clinical Laboratory Science Courses

CLSC 252 Sero Practices and Procedures (2 Credits)

Serology Practices and Procedures (2) Integration of didactic instruction with discussion of serology tests in normal and disease states, principles and significance of procedures, quality control, audiovisual and case studies to provide a comprehensive understanding of serologic practices and procedures in evaluating disorders of the immune system, infectious diseases, autoimmune disease and hypersensitivity states. Two hours of lecture weekly. Prerequisite: Consent of Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 252L Sero Pract & Proc Lab (1 Credits)

Serology Practices and Procedures Laboratory (1) Course provides students with a simulated clinical laboratory experiences in processing patient specimens, performing selected tests/analysis of specimens, report results and correlate test results with pathologic diseases/conditions. Three hours of laboratory weekly. Co-requisite: concurrent enrollment in HSCL 252 lecture. Prerequisite: Consent of Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 304 CLS Practice Management I (1 Credits)

Clinical Laboratory Science Application I (1) The course integrates didactic instruction with case studies and performance of laboratory procedures to provide a comprehensive understanding of clinical laboratory policies and procedures inclusive of an overview of the profession, phlebotomy, laboratory safety, compliance and regulatory agencies. One hour of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 305 CLS Practice Management II (1 Credits)

Clinical Laboratory Science Application II (1) The course is designed to provide an orientation to the theory and required skills in education methodology, laboratory information systems, laboratory calculation and quality assurance. One hour of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 306 Comp Med Tech (1 Credits)

Comprehensive Clinical Laboratory Science (1) This course will provide exposure to laboratory management as well as research skills and techniques. Research class will culminate in a presentation of clinical research. Additionally, there will be reinforcement of theoretical acquisition of core knowledge in CLS to facilitate application to board type questions. The class will be repeated with the first semester of the senior year covering management and the second semester of the senior year covering research. One hour of lecture per week. Prerequisites: HSCR 300 or concurrent enrollment, CLSC 304 and CLSC 305.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 307 Comprehensive Clinical Lab II (1 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 351 Serology Practices and Procedures (2 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 351L Serology Pract & Proc Lab (1 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 352 Hematology I (2 Credits)

Hematology I (3) The theory of development of cellular elements of the blood including principles of diagnostic importance to detect disease and recognize normal processes affecting the anemias, leukemias, etc. of the hematopoietic system. Three hours of lecture weekly. Prerequisite: Acceptance into the program and consent of Program Director. Co-requisite: Concurrent enrollment in CLSC 352L.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 352L Hematology Lab I (1 Credits)

Hematology Laboratory I (1) Routine laboratory assay used to assess the hematopoietic system related to the detection, identification, and pathophysiology of anemias, leukemias, and other blood dyscrasias. Four hours of laboratory weekly. Prerequisite: Co-requisite: Concurrent enrollment in CLSC 352

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 353 Clinical Micro & QC (2 Credits)

Clinical Microscopy and Quality Control (3) An introduction to urinalysis and body fluid analysis, including anatomy and physiology of the kidney, physical, chemical and microscopic examination of urine, cerebrospinal fluid and other body fluids; inclusive of theory, performance and interpretation of procedures involving the physical, chemical and microscopic properties of urine and body fluids. Three hours of lecture weekly. Prerequisite: Consent of Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 353L CL Micro & QC Laboratory (1 Credits)

Clinical Microscopy and Quality Control Laboratory (1) Simulated clinical laboratory experiences in which students process patient specimens, perform selected tests, report results, correlate data with various pathologic diseases/conditions; enhance critical thinking and decision making in the correlation of patient data. Four laboratory hours weekly. Prerequisite: Consent of Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 354 Blood Bank I (2 Credits)

Immunohematology I (2) The course is a comprehensive study that focuses on regulatory agencies, quality assurance policies and practices, basic principles of immunology and genetics (inclusive of molecular genetics), antigen and antibody theory, in-vitro practices, anti-globulin testing and compatibility testing relevant to blood banking and safe transfusion practices. Critical thinking and analytical skills will be increased via case studies. Two hours of lecture weekly. Prerequisite: Acceptance into the CLS program and consent of Program Director. Co-requisite: Concurrent enrollment in CLSC 354L.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 354L Blood Bank Lab I (1 Credits)

Immunohematology I Laboratory (1) Student will apply the acquisition of blood banking knowledge and of analytical and critical thinking skills through the performance of blood banking testing procedures. Quality assurance and quality control practices and testing procedures will be performed. Safety issues and practices will be emphasized. Three hours of laboratory weekly. Co-requisite: Concurrent enrollment in CLSC 354.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 355 Medical Chemistry I (2 Credits)

Medical Chemistry I (2) Course focuses on basic clinical chemistry practices and procedures designed to provide a comprehensive understanding of subject matter and correlate test results with various diseases/conditions. Two hours of lecture weekly. Prerequisite: Acceptance into the CLS Program or consent of Program Director. Co-requisite: Concurrent enrollment in CLSC 355L.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 355L Medical Chemistry Lab I (1 Credits)

Medical Chemistry Laboratory I (1) Course provides students with the opportunity to process patient specimens perform selected tests, report and correlate test results with various pathologic diseases/conditions and gain experience in quality control, performance improvement, critical thinking, decision making and test correlation. Four hours of laboratory weekly. Co-requisite: Concurrent enrollment in CLSC 355.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 356 Hemostatic Processes (1 Credits)

Hemostatic Processes (3) The theory of the coagulation mechanism and its relationship in disease states with emphasis on identification of coagulation deficiencies and abnormalities. Enhancement of critical thinking and decision making skills utilizing case studies and correlation of patient data. Three hours of lecture weekly. Prerequisite: Consent of Program Director. Co-requisite: Concurrent enrollment in CLSC 356L.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 356L Hemostatic Processes Lab (1 Credits)

Hemostatic Processes Laboratory (1) Routine laboratory assay used to assess the health of the hemostatic system relating to the detection, identification and pathophysiology of blood dyscrasias affecting thrombus formation inclusive of platelet enumeration and evaluation. Four hours of laboratory weekly. Co-requisite: Concurrent enrollment in CLSC 356.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

CLSC 357 Pract I (3 Credits)

Practicum I (3) Performance of serological and urinalysis techniques and methods in an affiliated clinical facility. Includes quality assurance practices and procedures and equipment maintenance. Fifteen hours of laboratory per week. Prerequisite: Consent of the Program Director and fourth year standing.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 358 Clin Immuno (3 Credits)

Clinical Immunology (2) Clinical rotation in an affiliated clinical facility with emphasis on technical skills and applications. Ten hours of laboratory per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 359 Micro Human Disorders I (2 Credits)

Microbial Human Disorders I (3) Skills development and performance in the detection, isolation, and identification of microbes of medical importance to human pathologic conditions. One hour of lecture and four hours of laboratory per week. Prerequisites: CLSC 252 and CLSC 252L.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 359L Micro Human Disorders Lab I (1 Credits)

Laboratory course in the detection, isolation, and identification of microbes of clinical importance. Three hours of lab per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 362 Hematology II (2 Credits)

Hematology II (2) Advance theory in hematology focusing on routine and specialized processes required to perform, interpret, classify and evaluate cellular abnormalities and recognize those conditions that are considered normal. Case studies are utilized to enhance the development of critical thinking and decision making skills. Two hour lecture weekly. Prerequisites: CLSC 352 and CLSC 352L. Co-requisite: Concurrent enrollment in CLSC 362L.

Prerequisite(s): (CLSC 352 and CLSC 352L)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 362L Hematology Lab II (1 Credits)

Hematology II Laboratory (1) Routine and specialized testing are used to define, diagnose, monitor, evaluate, classify, and validate patient data in the assessment of blood cell abnormalities of the hematopoietic system. Four laboratories weekly. Prerequisites: CLSC 352 and CLSC 352L. Co-requisite: Concurrent enrollment in CLSC 362.

Prerequisite(s): (CLSC 352 and CLSC 352L)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 364 Blood Bank II (2 Credits)

Immunohematology II (2) A continuation of knowledge and skills acquired in blood bank, blood donor collection, testing, utilization and storage of blood and blood components. Transfusion therapy practices, adverse complications of transfusion therapy, Hemolytic Disease of the fetus and newborn, and hemolytic anemias will be explored. Case studies will be utilized to enhance critical thinking and analytical skills. Two lecture hours weekly. Prerequisite: CLSC 354 and CLSC 354L. Co-requisite: Concurrent enrollment in CLSC 364L.

Prerequisite(s): (CLSC 354 and CLSC 354L)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 364L Blood Bank Lab II (1 Credits)

Immunohematology II Laboratory (1) An advanced level of testing procedures will be performed in this course. Students will demonstrate the acquisition of blood banking knowledge, analytical and critical thinking skills through the performance of blood banking testing procedures. Quality assurance practices, including quality control testing will be performed. Safety issues and practices are emphasized. Four laboratory hours weekly. Prerequisite: CLSC 354 and CLSC 354L. Co-requisite: Concurrent enrollment in CLSC 364.

Prerequisite(s): (CLSC 354 and CLSC 354L)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 365 Medical Chemistry II (2 Credits)

Medical Chemistry II (2) Advanced, specialized clinical chemistry to provide the opportunity to process patient specimens, perform selected tests, report and correlate test data with various pathologic disease/conditions and gain experience in quality control, performance improvement, critical thinking, decision making and test correlation. Two hours of lecture weekly. Prerequisites: CLSC 355 and CLSC 355L. Co-requisite: Concurrent enrollment in CLSC 365L.

Prerequisite(s): (CLSC 355 and CLSC 355L)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 365L Medical Chemistry Lab II (1 Credits)

Medical Chemistry II Laboratory (1) Course will focus on opportunities to process patient samples, perform required tests, report and correlate patient test data with various diseases/conditions inclusive of quality control, performance improvement, critical thinking and decision making. Four hours of laboratory weekly Prerequisites: CLSC 355 and CLSC 355L. Co-requisite: Concurrent enrollment in CLSC 355.

Prerequisite(s): (CLSC 355 and CLSC 355L)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 369 Parasitology and Mycology (1 Credits)

Microbial Human Disorders II (2) Recognition of parameters to detect, isolate, and identify the characteristics of medically important microbiologic, mycologic, and parasitic organisms of man. One hour of lecture and four hours of laboratory per week. Prerequisite: CLSC 359.

Prerequisite(s): (CLSC 359)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 369L Parasitology and Mycology Lab (1 Credits)

Didactic course in CLS management and ethics. 2 hours lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 406 Practice Management Ethics III (2 Credits)

Didactic in CLS management and ethics. 2 hours of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 407 Capstone Review (2 Credits)

A review for the student to demonstrate they have achieved all of the learning outcomes for the CLS degree through seminars, presentations, exams and reviews. 2 hours per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 457 Clinical Pract Preceptorship (3 Credits)

Clinical Preceptorship and designated Laboratory Site. 3 hours per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 458 Clinical Immunology Preceptorship (2 Credits)

Clinical Preceptorship at designated Clinical Immunology Laboratory Site.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 466 Clin Hema (4 Credits)

Clinical Hematology (4) Clinical practicum in an affiliated clinical facility with emphasis on practical/technical skills and applications. Two hours of lecture and eighteen hours of laboratory per week. Prerequisite: Fourth year standing and consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 467 Blood Bank (4 Credits)

Blood Bank (4) Clinical practicum focusing on the performance of antibody assessments, compatibility phlebotomy, component preparation, donor processing of donated blood, and quality assurance. Two hours of lecture and eighteen hours of laboratory per week.

Prerequisite: Fourth year standing and consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 468 Clinical Micro Preceptorship (4 Credits)

Clinical Microbiology (4) Clinical rotation at an affiliated clinical site to emphasize practical/technical skills and applications. Two hours of lecture and eighteen hours of laboratory per week. Prerequisite: Fourth year standing and consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

CLSC 469 Clinical Biochemistry Precept. (4 Credits)

Clinical Biochemistry (4) Clinical rotation at an affiliated clinical site to emphasize practical/technical skills and applications. Two hours of lecture and eighteen hours of laboratory per week. Prerequisite: Fourth year standing and consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

Respiratory Therapy Courses

HSRT 220 Resp Ther Clin Prac I (2 Credits)

Respiratory Therapy Clinical Practicum (2) Introduction to basic procedures; equipment applications; therapeutic modalities for oxygen, humidity, aerosol therapy; methods in and indicators for respiratory therapeutics. Precedes clinical rotation. Six hours of laboratory per week. Corequisites: HSRT 230 and HSRT 231.

Prerequisite(s): (HSRT 230 (may be taken concurrently) and HSRT 231 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 222 Dev Prac In Clin Appl (2 Credits)

Developmental Practicum in Clinical Applications (2) Skills enhancement of basic procedures and clinical development in patient respiratory care plan, CPR, mechanical ventilation, and patient assessment. Twelve hours of laboratory per week. Corequisite: HSRT 232.

Prerequisite(s): (HSRT 220 and HSRT 232 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSRT 230 Intro Resp Therapy (3 Credits)

Introduction to Respiratory Therapy (3) Introduction to respiratory care basic sciences applications, terminology, ventilatory mechanics, blood-gas analysis, and acid-base balance. Three hours of lecture per week. Corequisites: HSRT 220 and HSRT 231.

Prerequisite(s): (HSRT 220 (may be taken concurrently) and HSRT 231 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 231 Cardio-Pulmonary Systems (3 Credits)

Cardiopulmonary Systems (3) Anatomical and physiological study of the cardiovascular and pulmonary systems; contrast of the normal versus dysfunctional cardiopulmonary system; relationship to and effect upon renal physiology. Three hours of lecture per week. Corequisites: HSRT 220 and HSRT 230.

Prerequisite(s): (HSRT 233 (may be taken concurrently) and HSRT 240 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 232 Intermediate Clin App (3 Credits)

Intermediate Clinical Applications (4) Theoretical applications in patient assessment, administration, and evaluation of oxygen and aerosol. Intermittent breathing exercises; basic CPR training; and development in mechanical ventilation administration. Four hours of lecture per week. Prerequisites: HSRT 220, HSRT 230, and HSRT 231. Corequisite: HSRT 222.

Prerequisite(s): (HSRT 220 and HSRT 230 and HSRT 231) and HSRT 222 (may be taken concurrently)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSRT 233 Initroduction to Respiratory Therapy (2 Credits)

Introduction the practice of Respiratory Therapy procedures, equipment applications; therapeutic modalities. 2 credit hours every week.

Prerequisite(s): (HSRT 231 (may be taken concurrently) and HSRT 240 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 234 Intermediate Clinical Applications (2 Credits)

Theoretical applications in patient assessment, administration, and evaluation of oxygen and aerosol. Intermittent breathing exercises; basic CPR training and development in mechanical ventilation administration. Two credit hours per week.

Prerequisite(s): (HSRT 242 (may be taken concurrently)) and (HSRT 231 and HSRT 233 and HSRT 240)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 240 Clinical Practicum I (5 Credits)

Introduction to procedures, equipment applications; therapeutic modalities for oxygen, humidity, aerosol therapy; methods in and indications for respiratory therapeutics. 5 credit hours.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 242 Clinical Practicum II (4 Credits)

Application to patient care of RT procedures, equipment applications; therapeutic modalities for oxygen, humidity, aerosol therapy; methods in an indications of respiratory. 4 credit hours per week.

Prerequisite(s): (HSRT 231 and HSRT 233 and HSRT 240) and (HSRT 234 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 301 Respiratory Care Seminar (1 Credits)

Review of comtemporary therapeutic and patient care issues in respiratory care. 1 hours lecture per week.

Prerequisite(s): HSRT 233 and HSRT 240 and HSRT 242 and HSRT 234

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSRT 307 Resp Care Appl I (1 Credits)

Respiratory Care Applications I (1) Applications and analyses of clinical data for presentation by respiratory care practitioners. One hour of lecture per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 308 Resp Care Appls II (1 Credits)

Respiratory Care Applications II (1) Continuation of HSRT 307 to include simulations and presentations. One hour of lecture per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 320 App Proc Equip Clin Prac III (2 Credits)

Applied Procedures and Equipment - Clinical Practicum III (2) Study of and clinical practice in applications of the operation, mechanical features, limitations of, and indications for various types of equipment used in respiratory care. Six hours of laboratory per week. Prerequisites: HSRT 222 and HSRT 232. Corequisites: HSRT 321, HSRT 330, and HSRT 331.

Prerequisite(s): (HSRT 222 and HSRT 220 and HSRT 230 and HSRT 231 and HSRT 232) and (HSRT 321 (may be taken concurrently) and HSRT 330 (may be taken concurrently) and HSRT 331 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 321 R T Clinical Prac IV (2 Credits)

Respiratory Therapy Clinical Practicum IV (2) Symptomatic presentations and pathophysiological manifestations; clinical experiences; case studies; and advanced respiratory patient care procedures at clinical sites. Six hours of laboratory per week. Corequisite: HSRT 331.

Prerequisite(s): (HSRT 220 and HSRT 222 and HSRT 230 and HSRT 231 and HSRT 232)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 322 R T Clin Prac V (2 Credits)

Respiratory Therapy Clinical Practicum V (2) Continuation of HSRT 321 with emphasis on advanced respiratory care practice and technology where invasive and specialized procedures are used. Six hours of laboratory per week. Corequisite: HSRT 332.

Prerequisite(s): (HSRT 220 and HSRT 222 and HSRT 230 and HSRT 231 and HSRT 232 and HSRT 320 and HSRT 321)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 323 R T Clin Prac VI (2 Credits)

Respiratory Therapy Clinical Practicum VI (2) Long-term, critical, intensive, surgical, and post-surgical assessment of respiratory care therapeutics presented. Advanced clinical experiences, procedures, and case studies obtained at clinical sites. Six hours of laboratory per week. Corequisite: HSRT 333.

Prerequisite(s): (HSRT 220 and HSRT 222 and HSRT 230 and HSRT 231 and HSRT 232 and HSRT 320 and HSRT 321)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 325 Ped Clin Pract (2 Credits)

Pediatric Clinical Practicum (2) Procedures and treatment modalities utilized in the clinical management of neonatal and pediatric patients. Twelve hours of laboratory per week. Corequisite: HSRT 340.

Prerequisite(s): HSRT 340 (may be taken concurrently)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 330 App Proc & Equip (3 Credits)

Applied Procedures and Equipment (3) Study of airway management, resuscitation, continuous assisted ventilation. Specific mechanics and applications of equipment/techniques utilized in corresponding clinical sites. Three hours of lecture per week. Corequisites: HSRT 320, HSRT 321, and HSRT 331.

Prerequisite(s): (HSRT 231 and HSRT 233 and HSRT 234 and HSRT 240 and HSRT 242) and (HSRT 331 (may be taken concurrently) and HSRT 334 (may be taken concurrently) and HSRT 340 (may be taken concurrently) and HSRT 360 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 331 Cardio-Pulmonary Systems (3 Credits)

Theoretical and Applied Respiratory Therapy (3) Study of the pathophysiology and clinical presentations manifested in pulmonary disease and dysfunction. Acid-base balance; radiological and pulmonary function testing; hemodynamics; and ECG presentations studied. Three hours of lecture per week. Corequisite: HSRT 321.

Prerequisite(s): (HSRT 231 and HSRT 233 and HSRT 234 and HSRT 240 and HSRT 242) and (HSRT 330 (may be taken concurrently) and HSRT 334 (may be taken concurrently) and HSRT 340 (may be taken concurrently) and HSRT 360 (may be taken concurrently))

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 332 App Proc & Equip (3 Credits)

Applied Procedures and Equipment (3) Study of advanced, invasive, and specialized procedures applicable to the function of the cardiopulmonary and renal systems. Continuation and augmentation of HSRT 330. Three hours of lecture per week. Corequisite: HSRT 322.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 333 Cardio-Pulmon Diseases (3 Credits)

Cardiopulmonary Diseases (3) Advanced study of pathology, diagnosis, treatment, and assessment of pulmonary, circulatory, and renal dysfunction. Emphasis on identification of and treatment regimen for specific cardiopulmonary dysfunction. Three hours of lecture per week. Corequisite: HSRT 323.

Prerequisite(s): (HSRT 220 and HSRT 222 and HSRT 230 and HSRT 231 and HSRT 232 and HSRT 320 and HSRT 321 and HSRT 330 and HSRT 331)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 334 Resp Care Pharmacotherapy (3 Credits)

Respiratory Care Pharmacotherapy (3) Clinical aspects and physiologic effects of drugs administered by the respiratory care practitioner. Clinical activities involved in the preparation, delivery, and therapeutic evaluation of administered drugs. Three hours of lecture per week. Prerequisite: HSRT 230 or HSRT 231.

Prerequisite(s): (HSRT 220 and HSRT 222 and HSRT 230 and HSRT 231 and HSRT 232)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 340 Neo Ped Resp Care (3 Credits)

Neonatal and Pediatric Respiratory Care (3) Respiratory care of newborns, infants, and children; procedures in oxygen, aerosol, and ventilatory therapeutics; and review of anatomy/physiology, specific abnormalities, specialized procedures, and clinical presentations. Three hours of lecture per week. Corequisite: HSRT 325.

Prerequisite(s): (HSRT 220 and HSRT 222 and HSRT 230 and HSRT 231 and HSRT 232 and HSRT 320 and HSRT 321 and HSRT 330)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 360 Clinical Practicum III (6 Credits)

Clinical application of the operation, mechanical features, limitations of and indications of various equipments used in respiratory care. Six hours of laboratory per week.

Prerequisite(s): HSRT 330 and HSRT 334 and HSRT 340 and HSRT 331

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 361 Clinical Practicum IV (4 Credits)

Clinical practice an application of respiratory care principles and standards to the care of patients based on symptomatic presentation, pathophysiological manifestations, clinical experiences at clinical sites. 4 credit hours.

Prerequisite(s): HSRT 301 and HSRT 332 and HSRT 333

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 400 Data Analysis (3 Credits)

Techniques for data discovery and extraction relevant to clinical studies and reearch application. Course focuses on exercises in the selection and employment of appropriate statistical methods required to complete experimental design. 3 hours week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 403 Advanced Practice Applications (3 Credits)

Course engages students in emergiing clinical and medicinal applications related to the respiratory care professionl Student select from skill development options in health specilizations areas of project development. 3 hours per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 407 Comprehensive Review Seminar (1 Credits)

Application and Analysis of clinical data for presentation to respiratory care practitioners. 1 hour lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 420 Comp Rest Care (2 Credits)

Comprehensive Respiratory Care (2) Comprehensive study of the respiratory care practice at both the technician and therapist levels based on NBRC job analysis survey results. Two hours of lecture per week.

Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 421 Education in Respiratory Care (2 Credits)

Students are trained in educational methods for patients, family members, and allied health practitioners delivery methods, classroom design and technical applications, and experimental practice. Exercises in development of educational objectives, learning outcomes, design/ implementation of evaluation instruments. 2 hours per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 432 Healthcare Leadership (3 Credits)

Study in building leadership competencies synchronizes clinical skills and technological acuity intersecting governing policies, science and medicine, population trends impacting glocal issues, hospital corporate govenance, heallth inter-professional (interdisciplinary), leadership communication and perspective models. 3 hours of lecture per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 433 Pulmonary Rehabilitation (3 Credits)

Study in medical, ethical and reimbursement application for pulmonary rehabilliation issues and impacting factors regarding home care, sleep diagnostic facilities, treatment, discharge planning and impacting legislative and accreditation regulations. 3 hours per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 435 Ecg Tech (3 Credits)

Electrocardiographic Technology (3) ECG techniques, procedures, patterns, and interpretations; systematic methods for reading electrocardiograms. Three hours of lecture and four hours of laboratory per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 436 Intro Respiratory Research (3 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 437 Current Issues Trends in Respiratory Therapy Care (3 Credits)

Course examines evolving profession, impacting political, social and ethical trends that effect/potentially effect clinical interventions and provisions of the respiratory care practitioner. Students are engaged in independent study and grou discussion on these issues. 3 hours per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 438 Statistics in Respiratory Care (3 Credits)

Students will study and utilize statiscal software in employed for clinical investigations regarding diagnostic procedures, treatment outcomes, and other relevant respiratory and health related topics. Studies include central tendency and variability, probaibility, anlaysis of varienace and data association and prediction. 3 hours per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 439 Advanced Cardiopulmonary Life Support (3 Credits)

Clinical interventions for the urgent treatment of cardiac arrest, stroke, and other life-threatening medical emergencies, as well as the knowledge and skills to deploy those interventions. 3 hours per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 440 Respiratory Therapy Management (4 Credits)

Respiratory Therapy Management I (4) Departmental management involving personnel, decision making, budgeting, evaluation of departmental effectiveness, and development of departmental policies. Three hours of lecture and four hours of laboratory per week. Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 441 R T Mgmt II (4 Credits)

Respiratory Therapy Management II (4) Continuation of HSRT 440. Three hours of lecture and four hours of laboratory per week. Prerequisites: HSRT 440 and consent of the Program Director.

Prerequisite(s): HSRT 440

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 444 Case Management in Respiratory Care (4 Credits)

Training focused on education patients and families, traning patients on self-management tools and transitionalng patients from acute care to Outpatient management. Studies in patient education, home equipment needs, oxygen assessment, medication managment and activities of daily living. 4 hours per week.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 453 Cardio-Pulmon Tech (5 Credits)

Cardiopulmonary Technology (5) Pulmonary function testing procedures and interpretation; study of equipment and standards used in pulmonary testing. Three hours of lecture and four hours of laboratory per week.

Prerequisite: Consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

HSRT 454 Crit Care & Internship (5 Credits)

Critical Care and Internship (5) Comprehensive study of advanced procedures, therapeutic modalities, decision making, and quality control for the practicing respiratory therapist. Two hours of lecture and six hours of laboratory per week. Prerequisites: Completion of all other professional HSRT courses and consent of the Program Director.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Praticce/Clinical Hlth Sci

Clinical Laboratory Science, Bachelor of Science

Internship (last Year) is restricted to students who have satisfied all program requirements and who have been approved for assignment.

Listed Courses	Substituted
CHEM 232/CHEM 212L	CHEM 445
BIOL 245	BIOL 135 & BIOL 136 or BIOL 344
BIOL 347	BIOL 246

Students should seek advisement prior to registering for any course intended to be used as credit toward the Clinical Laboratory Science degree.

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Code	Title	Hours
	General Education Core Curriculum (p. 310)	42
	Major Requirements (p. 310)	59
	Other Requirements (p. 311)	28
	Minor Requirements (p. 311)	0

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
	Visual and Performing Arts Course ⁴	3
American History		

HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
	Social and Behavioral Sciences ⁵	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3

Total Hours **42**

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ Select from the following courses: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301). Upon approval of the Program Director, student may take any fine arts or equivalent to satisfy this requirement.

⁵ Select from the following courses: PSY 131 General Psychology, ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality and SOC 238 Introduction To Anthropology.

Major (Clinical Laboratory Science)¹

Code	Title	Hours
CLSC 351	Serology Practices and Procedu	2
CLSC 351L	Serology Pract & Proc Lab	1
CLSC 304	CLS Practice Management I	1
CLSC 305	CLSC Practice Management II	1
CLSC 406	Practice Management Ethics III	2
CLSC 407	Capstone Review	2
CLSC 352	Hematology I	2
CLSC 352L	Hematology Lab I	1
CLSC 353	Clinical Micro & QC	2
CLSC 353L	CL Micro & QC Laboratory	1
CLSC 354	Blood Bank I	2
CLSC 354L	Blood Bank Lab I	1
CLSC 355	Medical Chemistry I	2
CLSC 355L	Medical Chemistry Lab I	1
CLSC 356	Hemostatic Processes	1
CLSC 356L	Hemostatic Processes Lab	1
CLSC 357	Pract I	3
CLSC 458	Clinical Immunology Preceptorship	2
CLSC 359	Micro Human Disorders I	2
CLSC 362	Hematology II	2
CLSC 362L	Hematology Lab II	1

CLSC 364	Blood Bank II	2
CLSC 364L	Blood Bank Lab II	1
CLSC 365	Medical Chemistry II	2
CLSC 365L	Medical Chemistry Lab II	1
CLSC 369	Parasitology and Mycology	1
CLSC 466	Clin Hema	4
CLSC 467	Blood Bank	4
CLSC 468	Clinical Micro Preceptorship	4
CLSC 469	Clinical Biochemistry Precept.	4
Total Hours		56

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

Other Requirements

Code	Title	Hours
BIOL 131	Biological Science I	3
BIOL 132	Biological Science II	3
BIOL 245	Human Anatomy & Physiology ¹	4
or BIOL 344	Vertebrate Anatomy and Hist	
BIOL 347	Microbiology	4
or BIOL 246	Microbiol Hlth Rel Professions	
CHEM 211	Organic Chem I Lab	1
CHEM 231	Organic Chem I	3
CHEM 212	Organic Chem II Lab	1
or CHEM 445L	Biochem Lab	
CHEM 232	Organic Chem II	3
or CHEM 445	Biochemistry	
HSCR 360	Princ Of Disease	3
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
FS 102	Freshman Seminar/ first Year Experience ²	1
Total Hours		28

¹ The following courses can be substituted for BIOL 245 Human Anatomy & Physiology: BIOL 135 Human Anat & Phys I & BIOL 136 Human Anat & Phys II or BIOL 344 Vertebrate Anatomy and Hist.

² Upon approval of the Program Director, student may take any fine arts or equivalent to satisfy this requirement.

Minor Requirements

No Minor Required.

Course	Title	Hours
First Year		
First Semester		
CHEM 111	Chemistry I Lab	1
CHEM 131	Chemistry I	3
MATH 133	College Algebra	3
ENG 131	Freshman English I	3
BIOL 131	Biological Science I	3
FS 102	Freshman Seminar/ first Year Experience	1
Visual & Performing Arts ¹		3
Hours		17

Second Semester

CHEM 112	Chemistry II Lab	1
CHEM 132	Chemistry II	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
or COMM 233	or PUBLIC ADDRESS	
	or COMMUNICATION SKILL HEALTH PROFESSIONAL	
ENG 132	Freshman English II	3
BIOL 132	Biological Science II	3
Social/Behavioral Sciences		3
CS 116	Intro To Compr Science I	3
Hours		19

Second Year

Third Semester

CHEM 211	Organic Chem I Lab	1
CHEM 231	Organic Chem I	3
BIOL 245	Human Anatomy & Physiology	4
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
HSCR 360	Princ Of Disease	3
Hours		17

Fourth Semester

Select one of the following:		4
CHEM 232	Organic Chem II	
or	or Biochemistry	
CHEM 445		
CHEM 212	Organic Chem II Lab	
or	or Biochem Lab	
CHEM 445L		
ENG 200 Level English Literature		3
BIOL 347	Microbiology	4
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		17

Third Year

Fifth Semester

CLSC 353	Clinical Micro & QC	2
CLSC 353L	CL Micro & QC Laboratory	1
CLSC 304	CLS Practice Management I	1
CLSC 352	Hematology I	2
CLSC 352L	Hematology Lab I	1
CLSC 354	Blood Bank I	2
CLSC 354L	Blood Bank Lab I	1
CLSC 355	Medical Chemistry I	2
CLSC 355L	Medical Chemistry Lab I	1
CLSC 359	Micro Human Disorders I	2
CLSC 359L	Micro Human Disorders Lab I	1
Hours		16

Sixth Semester

CLSC 351	Serology Practices and Procedu	2
CLSC 351L	Serology Pract & Proc Lab	1
CLSC 305	CLSC Practice Management II	1

CLSC 356	Hemostatic Processes	1
CLSC 356L	Hemostatic Processes Lab	1
CLSC 362	Hematology II	2
CLSC 362L	Hematology Lab II	1
CLSC 364	Blood Bank II	2
CLSC 364L	Blood Bank Lab II	1
CLSC 365	Medical Chemistry II	2
CLSC 365L	Medical Chemistry Lab II	1
CLSC 369	Parasitology and Mycology	1
CLSC 369L	Parasitology and Mycology Lab	1
Hours		17

Fourth Year**Seventh Semester**

CLSC 406	Practice Management Ethics III	2
CLSC 457	Clinical Pract Preceptorship	3
CLSC 466	Clin Hema	4
CLSC 467	Blood Bank	4
Hours		13

Fifth Year**Eighth Semester**

CLSC 407	Capstone Review	2
CLSC 458	Clinical Immunology Preceptorship	2
CLSC 468	Clinical Micro Preceptorship	4
CLSC 469	Clinical Biochemistry Precept.	4
Hours		12
Total Hours		128

¹ Social and Behavioral Sciences requirements maybe fulfilled by either of the following: PSY 131 General Psychology SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 158 Contemporary Social Issues, ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II

² Either one of the following: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301).

Health Administration, Bachelor of Science

Progression Essentials: (see TSU Undergraduate Catalog, COPHS Student Handbook and Program Handbook)

For repeat courses, the last grade earned is used to determine GPA and graduation eligibility.

The maximum number of semester credit hours (SCH) is 18. A student must have written permission to register for more than 18 hours. The absolute maximum number of semester credit hours is 21, inclusive of institutions other than TSU.

COPHS applicants for graduation shall have completed all courses in the curriculum with a grade of "C" or better.

Students are expected to accept full responsibility for their program of study including satisfactory completion of requirements.

The Internship (last year) is restricted to students who have satisfied ALL previous program requirements and who have been approved for assignment.

Listed Courses	Substituted
BIOL 135/ BIOL 136	6 Hours of Biological, Chemistry, or Physical Sciences
SOC 157-3 SCH	PSY 131, GEOG 132, ECON 231, 232; SOC 158, 221, 238
Creative Arts- 3 SCH	ART 135, 137, MUSI 136, 239 or THEA 130
SC 135 or SC 136	
MATH 135	MATH 138 (if student has completed ACCT 231, then MATH 231, MATH 134 or Higher will substitute.)

Approved Electives - 3 SCH Courses in: Science, HSCR, HSHA, PHARM, FN; SOC, PA, PSY, HED, HSEH, HIM, BUS, ACCT, FIN, ECON, GEOG, GEOL, MATH (Above MATH 133 College Algebra), Foreign Lang, Vis/Per Arts, and other pre-approved courses.

Students should seek advisement prior to registering for any course intended to be used as credit toward the Health Administration degree.

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 312)	42
	Major Requirements (p. 313)	66
	Minor Requirements (p.)	13
	Other Requirements (p. 313)	0

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
Life and Physical Sciences		
BIOL 135	Human Anat & Phys I ³	3
BIOL 136	Human Anat & Phys II ³	3
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
	Creative Arts Course ⁵	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		

SOC 157	Introduction To Sociology ⁶	3
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Institutional Options

COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION PUBLIC ADDRESS	3
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CS 116	Intro To Compr Science I	3
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Total Hours		39
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¹ Students should seek advisement prior to registering for any course intended to be used as credit toward the degree.

² (N) represents the number of course credits.

³ Students may choose two (2) courses of the same discipline from Biology, Chemistry or Physics.

⁴ 200/2000 Level English Literature course.

⁵ Students may choose any 3 SCH Creative Arts course: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: DRAM 1310, MUSI 1306, RUMA 1315, RUMA 2323, ARTS 1301).

⁶ PSY 131 General Psychology/PSYC 2301; GEOG 132 World Regional Geography/GEOG 1302; ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II/ECON 2301, ECON 2302; SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology/SOCI 1306, SOCI 2306.

Major (Health Administration)¹

Code	Title	Hours
HSHA 233	History and Sociology of Healthcare	3
HSHA 234	Hlthcare Issue/Professionalism	3
HSHA 330	Intro to Hlthcare Adm & Mgmt	3
HSHA 331	Health Information Systems	3
HSHA 333	Hlthcare Finance & EconomicsI	3
HSHA 334	Long-Term Care	3
HSHA 335	Hlth Pol & US Hlthcare Sys	3
HSHA 336	Res Health Professionals	3
HSHA 337	Intro Human Resource Manag HC	3
HSHA 338	Hlthcare fin & Econ II	3
HSHA 339	Health Disparities	3
HSHA 430	HC Symposium/Professional Dev	3
HSHA 431	HC Mgmt & Leadership	3
HSHA 432	HC Org: Oper/Quality Control	3
HSHA 434	Legal & Ethic Aspects Hlthcare	3
HSHA 435	Introduction to Global Health	3
HSHA 438	Hlth Admin: Independent Study ²	3
HSHA 439	Hlth Admin: Capstone & IPE	3
HSHA 461	Health Administration Internship	6
Total Hours		60

¹ Students should seek advisement prior to registering for any course intended to be used as credit toward the degree.

² Independent Study is not a required course; student must be approved by program director or faculty.

Other Requirements

Code	Title	Hours
MATH 135	Mathematics for Business and Economic Analysis I ¹	3
ACCT 231	Principles Of Accounting I	3
FS 102	Freshman Seminar/ first Year Experience	1
Approved Elective ²		3
Total Hours		10

¹ MATH 135 Mathematics for Business and Economic Analysis I is equivalent to TCCNS MATH 1325 or MATH 138 Mathematics for Businessand Economics Analysis II.

² See Approved Course Substitutions on next page.

FIN, ECON, GEOG, GEOL, HIST 281 Intro to African American Hist, MATH (Above MATH 133 College Algebra), Foreign Lang, Vis/Per Arts, and other pre-approved courses.

Course	Title	Hours
First Year		
First Semester		
BIOL 135	Human Anat & Phys I ¹	3
MATH 133	College Algebra	3
ENG 131	Freshman English I	3
CS 116	Intro To Compr Science I	3
SOC 157	Introduction To Sociology	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
BIOL 136	Human Anat & Phys II ¹	3
MATH 135	Mathematics for Business and Economic Analysis I (Creative Arts) ¹	3
ENG 132	Freshman English II	3
Creative Arts		3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
Hours		15
Second Year		
Third Semester		
Select one of the following:		3
ENG 230	World Literature I	
2XX English Literature		
HIST 231	Soc & Pol Hist US to 1877	3
POLS 235	American Government	3
HSHA 233	History and Sociology of Healthcare	3
Approved Elective		3
Hours		15
Fourth Semester		
ACCT 231	Principles Of Accounting I	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
HSHA 234	Hlthcare Issue/Professionalism	3

Approved Elective	3	
Hours	15	
Third Year		
Fifth Semester		
HSHA 330	Intro to Hlthcare Adm & Mgmt	3
HSHA 331	Health Information Systems	3
HSHA 332	Intro Commun & Population Hlth	3
HSHA 333	Hlthcare Finance & Economics I	3
HSHA 334	Long-Term Care	3
Hours	15	
Sixth Semester		
HSHA 335	Hlth Pol & US Hlthcare Sys	3
HSHA 336	Res Health Professionals	3
HSHA 337	Intro Human Resource Manag HC	3
HSHA 338	Hlthcare fin & Econ II	3
HSHA 339	Health Disparities	3
Hours	15	
Fourth Year		
Seventh Semester		
HSHA 430	HC Symposium/Professional Dev	3
HSHA 431	HC Mgmt & Leadership	3
HSHA 461	Health Administration Internship	6
HSHA 438	Hlth Admin: Independent Study	3
Hours	15	
Eighth Semester		
HSHA 432	HC Org: Oper/Quality Control	3
HSHA 433	HC Org: Strategic Plan & Mktg	3
HSHA 434	Legal & Ethic Aspects Hlthcare	3
HSHA 435	Introduction to Global Health	3
HSHA 439	Hlth Admin: Capstone & IPE	3
Hours	15	
Total Hours	121	

¹ See Approved Course Substitutions on next page

Health Information Management, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 314)	42
	Major Requirements (p. 314)	45
	Other Requirements (p. 315)	44
	Minor Requirements (p. 315)	0
Total Hours		131

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 135	Human Anat & Phys I	3
BIOL 136	Human Anat & Phys II	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
	Visual and Performing Arts Course ⁴	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
	Social and Behavioral Sciences ⁵	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ Select from the following courses: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301).

⁵ Select from the following courses: PSY 131 General Psychology, ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality and SOC 238 Introduction To Anthropology.

Major (Health Information Management)

Code	Title	Hours
HSHI 362	Med Term Word Processing	3
HSHI 363	Basic Foundations I	3
HSHI 363L	Basic Foundations I Lab	2
HSHI 364	Management of Health Data I	3
HSHI 364L	Management of Health Data Lab	2

HSHI 365	Directed Practice I	2
HSHI 366	Legal Aspects	2
HSHI 373	Basic Foundations II	2
HSHI 374	Management of Health Data II	2
HSHI 401	Inserv Trng Hlth Info Mgrs	1
HSHI 402	Comp Hlth Info Mgmt	1
HSHI 473	Quality Assurance Mgmt	3
HSHI 474	Computerized Hlth Info Systems	3
HSHI 475	Directed Practice II	3
HSHI 476	Preceptorship	4
HSHI 477	Mgmt of Hlth Info Systems	4
HSHI 478	Probs In Medical Records	2
HSHI 479	Health Info Personnel Mgmt	3
Total Hours		45

Other Requirements

Code	Title	Hours
BIOL 111	Biological Science Lab I ¹	1
BIOL 112	Biological Science Lab II ¹	1
BIOL 131	Biological Science I ²	3
BIOL 132	Biological Science II ²	3
BIOL 246	Microbiol Hlth Rel Professions	4
HSCR 150	Concepts Of Health	3
HSCR 260	Biomedical Ethics	3
HSCR 300	Hlth Sciences Sem	1
HSCR 360	Princ Of Disease	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
MGMT 300	Principles of Management	3
MGMT 301	Foundations of Human Res Mgmt	3
MGSC 239	Business Statistics I	3
FS 102	Freshman Seminar/ first Year Experience	1
Free Electives		9
Total Hours		44

¹ May together be substituted with CHEM 131 Chemistry I and CHEM 111 Chemistry I Lab or with PHYS 237 College Physics I and PHYS 213 College Phys Lab I.

² May together be substituted with CHEM 132 Chemistry II and CHEM 112 Chemistry II Lab or with PHYS 238 College Physics II and PHYS 214 College Phys Lab II.

Minor Requirements

No Minor Required.

Course	Title	Hours
First Year		
First Semester		
BIOL 131 & BIOL 111	Biological Science I and Biological Science Lab I	4
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
HIST 231	Soc & Pol Hist US to 1877	3
Performing Arts 130	Music, Theatre, Art	3

HSCR 150	Concepts Of Health	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		20

Second Semester

BIOL 132 & BIOL 112	Biological Science II and Biological Science Lab II	4
ENG 132	Freshman English II	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
CS 116	Intro To Compr Science I	3
PSY 131	General Psychology	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		19

Second Year

Third Semester

BIOL 135	Human Anat & Phys I	3
HSCR 260	Biomedical Ethics	3
ENG 230-ENG 244	English Literature	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
POLS 235	American Government	3
Hours		15

Fourth Semester

BIOL 136	Human Anat & Phys II	3
POLS 236	Texas Government	3
MGSC 239	Business Statistics I	3
BIOL 246	Microbiol Hlth Rel Professions	4
HSCR 300	Hlth Sciences Sem	1
Hours		14

Third Year

Fifth Semester

HSCR 360	Princ Of Disease	3
MGMT 300	Principles of Management	3
HSHI 362	Med Term Word Processing	3
HSHI 363	Basic Foundations I	3
HSHI 363L	Basic Foundations I Lab	2
HSHI 373	Basic Foundations II	2
Hours		16

Sixth Semester

MGMT 301	Foundations of Human Res Mgmt	3
HSHI 364	Management of Health Data I	3
HSHI 364L	Management of Health Data Lab	2
HSHI 365	Directed Practice I	2
HSHI 366	Legal Aspects	2
Free Elective		3
Hours		15

Fourth Year

Seventh Semester

HSHI 374	Management of Health Data II	2
HSHI 401	Inserv Trng Hlth Info Mgrs	1
HSHI 473	Quality Assurance Mgmt	3
HSHI 474	Computerized Hlth Info Systems	3

HSHI 475	Directed Practice II	3
Free Elective		3
Hours		15
Eighth Semester		
HSHI 402	Comp Hlth Info Mgmt	1
HSHI 476	Preceptorship	4
HSHI 477	Mgmt of Hlth Info Systems	4
HSHI 478	Probs In Medical Records	2
HSHI 479	Health Info Personnel Mgmt	3
Free Elective		3
Hours		17
Total Hours		131

Respiratory Therapy, Bachelor of Science

Accredited by (CoARC) Committee on Accreditation for Respiratory Care

Progression Essentials: (see TSU Undergraduate Catalog, COPHS Student Handbook and Program Handbook)

- For repeat courses, the last grade earned is used to determine GPA and graduation eligibility.
- COPHS applicants for graduation shall have completed all courses in the professional curriculum with a grade of "C" or better.
- **Students are expected to accept full responsibility for their program of study including satisfactory completion of requirements.**

Course Substitutions

Listed Courses	Substituted
SC 233	SC 135 or SC 136
BIOL 245	BIOL 135 & BIOL 136 in sequence with labs
BIOL 246	BIOL 347

Applications for admittance to the program professional phase are processed and finalized each fall. Students are admitted into the program professional phase each spring semester. The application process is competitive and based on:

1. cumulative G.P.A. of 2.5 or better and
2. quantitative and qualitative completion of curriculum prerequisite courses.

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 316)	42
	Major Requirements (p. 316)	81
	Other Requirements (p. 317)	15
	Minor Requirements (p. 317)	0
Total Hours		138

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
	Visual and Performing Arts ⁴	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
	Social and Behavioral Sciences ⁵	3
Institutional Options		
	Select one of the following:	3
COMM 233	COMMUNICATION SKILL HEALTH PROFESSIONAL	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
COMM 136	PUBLIC ADDRESS	3
CS 116	Intro To Compr Science I	3
Total Hours		51

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, ENG 244 African-American Literature (TCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ Select from the following courses: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301).

⁵ Select from the following courses: PSY 131 General Psychology, ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality and SOC 238 Introduction To Anthropology.

Major Requirements (respiratory Therapy)

Code	Title	Hours
HSRT 231	Cardio-Pulmonary Systems	3
HSRT 233	Initroduction to Respiratory Therapy	2
HSRT 234	Intermediate Clinical Applications	2

HSRT 240	Clinical Practicum I	5
HSRT 242	Clinical Practicum II	4
HSRT 301	Respiratory Care Seminar	1
HSRT 330	App Proc & Equip	3
HSRT 331	Cardio-Pulmonary Systems	3
HSRT 332	App Proc & Equip	3
HSRT 333	Cardio-Pulmon Diseases	3
HSRT 334	Resp Care Pharmacotherapy	3
HSRT 340	Neo Ped Resp Care	3
HSRT 360	Clinical Practicum III	6
HSRT 361	Clinical Practicum IV	4
HSRT 407	Comprehensive Review Seminar	1
HSRT 420	Comp Rest Care	2
HSRT 432	Healthcare Leadership	3
HSRT 436	Intro Respiratory Research	3
HSRT 437	Current Issues Trends in Respiratory Therapy Care	3
HSRT 438	Statistics in Respiratory Care	3
HSRT 439	Advanced Cardiopulmonary Life Support	3
HSRT 440	Respiratory Therapy Management	4
HSRT 444	Case Management in Respiratory Care	4
HSRT 453	Cardio-Pulmon Tech	5
HSRT 454	Crit Care & Internship	5
Total Hours		81

Other Requirements

Code	Title	Hours
BIOL 245	Human Anatomy & Physiology	4
BIOL 246	Microbiol Hlth Rel Professions	4
HSCR 260	Biomedical Ethics	3
HSCR 360	Princ Of Disease	3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		15

Minor Requirements

No Minor Required.

Course	Title	Hours
First Year		
First Semester		
CS 116	Intro To Compr Science I	3
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
Visual and Performing Arts	¹	3
PSY 131	General Psychology	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
CHEM 131	Chemistry I	3
ENG 132	Freshman English II	3
BIOL 245	Human Anatomy & Physiology	4

COMM 233	COMMUNICATION SKILL HEALTH PROFESSIONAL	3
Hours		13

Summer

Semester One

HIST 231	Soc & Pol Hist US to 1877	3
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Semester Two

HIST 232	Soc & Pol Hist US Since 1877	3
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Hours **6**

Second Year

Third Semester

ENG 230	World Literature I	3
or ENG 244	or African-American Literature	

POLS 235	American Government	3
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PHYS 237	College Physics I	3
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BIOL 246	Microbiol Hlth Rel Professions ³	4
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Hours **13**

Fourth Semester

HSRT 240	Clinical Practicum I	5
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HSRT 233	Introduction to Respiratory Therapy	2
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HSRT 231	Cardio-Pulmonary Systems	3
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POLS 236	Texas Government	3
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HSCR 260	Biomedical Ethics	3
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Hours **16**

Summer

Semester One

HSRT 242	Clinical Practicum II	4
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HSRT 234	Intermediate Clinical Applications	2
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Hours **6**

Third Year

Fifth Semester

HSRT 360	Clinical Practicum III	6
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HSRT 330	App Proc & Equip	3
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HSRT 331	Cardio-Pulmonary Systems	3
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HSRT 334	Resp Care Pharmacotherapy	3
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HSRT 340	Neo Ped Resp Care	3
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Hours **18**

Sixth Semester

HSRT 301	Respiratory Care Seminar	1
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HSRT 361	Clinical Practicum IV	4
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HSRT 332	App Proc & Equip	3
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HSCR 360	Princ Of Disease	3
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HSRT 333	Cardio-Pulmon Diseases	3
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Hours **14**

Summer

Semester One

HSRT 407	Comprehensive Review Seminar	1
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HSRT 454	Crit Care & Internship	5
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HSRT 420	Comp Rest Care	2
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Hours **8**

Fourth Year**Seventh Semester**

HSRT 432	Healthcare Leadership	3
HSRT 437	Current Issues Trends in Respiratory Therapy Care	3
HSRT 440	Respiratory Therapy Management	4
HSRT 436	Intro Respiratory Research	3
Hours		13

Eighth Semester

HSRT 444	Case Management in Respiratory Care	4
HSRT 439	Advanced Cardiopulmonary Life Support	3
HSRT 453	Cardio-Pulmon Tech	5
HSRT 438	Statistics in Respiratory Care	3
Hours		15
Total Hours		138

¹ Either one of the following: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301).

² Course taken as advised.

³ Course substitutions are permitted only as indicated in the University bulletin or as below.

Department of Pharmacy Practice and Clinical Health Sciences

Undergraduate Degree(s):

- Bachelor of Science (B.S.) in Clinical Laboratory Science (p. 310)
- Bachelor of Science (B.S.) in Respiratory Therapy (p. 316)

Graduate Degree(s):

- Doctorate in Pharmacy (p. 318)

The Department of Pharmacy Practice and Clinical Health Sciences, along with the Department of Pharmaceutical and Environmental Health Sciences, offers courses leading to the Doctor of Pharmacy degree. The Doctor of Pharmacy (Pharm.D.) is a six-year program requiring two years of study at the pre-professional (pre-pharmacy) level and four years of study at the professional level. Courses offered through this department include pharmacotherapy and disease processes, community and hospital/institutional Pharmacy Practice and Clinical Health Sciences and other professional Pharmacy Practice and Clinical Health Sciences experiences in drug information and retrieval, pharmacy administration and jurisprudence and clinical research.

Members of the Department of Pharmacy Practice and Clinical Health Sciences are housed in Nabrit Sciences. The Department Office is located in Nabrit Science, Room 138. The Department supports the primary mission of the College to produce quality health care professionals, particularly minorities who are competent in health care delivery including the provision of patient-centered care and other health care services and programs.

Courses offered through this department are described below. In addition, a summary of the requirements for the entry-level Pharm.D. degree is

provided along with an indication of the sequence in which discipline-specific courses and their prerequisites and co-requisites should be taken.

Students should refer to admission policies, formative, summative, comprehensive and other examination and important information, regarding the completion of the Doctor of Pharmacy degree under the College of Pharmacy and Health Sciences introductory section of this publication.

The Department of Pharmacy Practice and Clinical Health Sciences also offers baccalaureate or undergraduate degrees: **the Bachelor of Science (B.S.) in Clinical Laboratory Science, and the Bachelor of Science (B.S.) in Respiratory Therapy.**

The **Clinical Laboratory Science (formerly Medical Technology)** Program provides graduates with the technical and administrative skills required for the effective delivery of health care services consistent with the practices and standards of Clinical Laboratory Science. Graduates are prepared and qualified to perform evaluations of testing techniques, procedures, and personnel; to perform analytical testing of body samples; and to resolve discrepancies with the interpretation of diagnostic laboratory patient data. Graduates also possess the capabilities needed for public education, as well as for planning and developing clinical laboratory facilities that meet the standards of accrediting and governmental regulatory agencies.

The **Respiratory Therapy Program** provides graduates with the technical and administrative skills for performing diagnostic evaluation, therapy, patient/family education, and public education in cases of cardiopulmonary dysfunction. Graduates have the skills to perform diagnostic activities such as obtaining and analyzing physiological specimens, interpreting physiological data, and performing sleep disorder studies. They also have the skills for administering therapy involving such techniques as the application and monitoring of mechanical ventilation, environmental control systems, artificial airway care, and cardiopulmonary rehabilitation. These graduates have the further capability of conducting patient/family education activities that promote knowledge of disease processes, medical therapy, and self-help as well as public education activities that focus on the promotion of cardiopulmonary wellness.

Students should refer to program admission policies, comprehensive examination information, and other important information regarding the various B.S. degrees offered through this department within the College of Pharmacy and Health Sciences introductory.

- Pharmacy, Doctorate (p. 318)

Pharmacy, Doctorate

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 319)	43
	Major Requirements (p. 319)	146
	Other Requirements (p. 320)	38
Total Hours		227

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 136	Precalculus Math	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
	Visual and Performing Arts ⁵	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
	Social and Behavioral Sciences ⁶	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
PHYS 237	College Physics I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ Four (4) hours will be accepted for transfer students. Students may still be required to complete their institutions required math sequence to qualify for Calculus if they do not qualify for the course upon admission. TSU Math Sequence: MATH 133 College Algebra, and/or MATH 136 Precalculus Math must be completed if student does not meet SAT/ACT or TSI Math scores to qualify for MATH 241 Calculus & Analytic Geometry I in their first semester (See advisor).

⁴ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁵ Select from the following courses: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301).

⁶ Select from the following courses: PSY 131 General Psychology, ECON 231 Principles Of Economics I, ECON 232 Principles Of Economics II, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality and SOC 238 Introduction To Anthropology.

Major (Pharmacy)

Code	Title	Hours
PHAR 421 & PHAR 411	Pharmacy Practice I and Pharmacy Practice I Laboratory	3
PHAR 433 & PHAR 413	Pharmaceutics I Calculations and Pharmaceutics I Lab	4
PHCH 441 & PADM 423	Biochemistry in Human Disease and Ethics in Healthcare	6
PHAR 401 & PHAR 426	Patient Assessment Laboratory and Pathophysiology	3
PHAR 404	Public Health I	1
PHAR 422 & PHAR 412	Pharmacy Practice II and Pharmacy Practice II Lab	3
PHAR 434 & PHAR 414	Pharmaceutics II Dosage Forms and Pharmaceutics II Lab	4
PHAR 442 & PHAR 410	Evidence-based Practice and Biostatistics and Principles of Pharmacotherapy	5
PHAR 405 & PHAR 428	Public Health II : Immunizations and Pharmacology	3
PHAR 520 & PADM 515	Integrated Laboratory I and Professional Development Seminar I	3
PHAR 504 & PHAR 501	Pharcotherapy IA : Nervous System Disorders and Pharcotherapy IB : Renal Disorders	5
PHAR 539 & PHAR 519	Pharm III Pharmacokinetics and Pharm III Pharmacokinetics Lab	4
PHAR 530 & PHAR 526	Principles of Drug Action I and IPPE I - Community I	5
PHAR 541 & PHAR 527	Principles of Drug Action II and IPPE - Community II	5
PHAR 523 & PHAR 503	Pharmacy Practice III : Complemetary and Alternative Medicines and Pharcotherapy IIA : Endocrine System Disorders	5
PHAR 505 & PHAR 529	Pharcotherapy IIB : Cardiovascular Disorders and Integrated Laboratory II	5
PHAR 627 & PADM 630	IPPE III - Healthcare Systems and Pharmacy Practice Management	5
PHAR 637 & PHAR 638	Pharmacotherapy IIIA : Infectious Diseases and Immune Disorders and Pharmacotherapy IIIB: Respiratory System Disorders	6
PHAR 620 & PADM 615	Integrated Laboratory III and Professional Development Seminar II	3
PHAR 617 & PHAR 648	Medication Therapy Management and Principles of Drug Action III	5
PHAR 639 & PHAR 628	Pharmacotherapy IV: Gastrointestinal System Disorders and IPPE IV - Healthcare Systems	4
PHAR 621 & PADM 634	Integrated Laboratory IV and Pharmacy Jurisprudence	4
PADM 621 & PHAR 649	Economic Clinical Humanistic Outcomes and Principles of Drug Action IV	4
PHAR 716 & PHAR 717	Research Seminar I and Research Seminar II	2
PHAR 718	Research Seminar III	1

Advanced Pharmacy Practice Experiences	48
Total Hours	146

Other Requirements

Code	Title	Hours
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
BIOL 131	Biological Science I	3
BIOL 132	Biological Science II	3
BIOL 245	Human Anatomy & Physiology	4
BIOL 347	Microbiology	4
CHEM 211 & CHEM 231	Organic Chem I Lab and Organic Chem I	4
CHEM 212 & CHEM 232	Organic Chem II Lab and Organic Chem II	4
MATH 231	Elementary Statistics	3
PHYS 213	College Phys Lab I	1
PHYS 237	College Physics I	3
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
FS 102	Freshman Seminar/ first Year Experience	1
Professional Electives		
Select 4 of the following:		4
PADM 428	Spanish for Pharmacy Prof ¹	
PHAR 429	Emergency Preparedness ¹	
HSHA 332	Intro Commun & Population Hlth	3
HSHA 434	Legal & Ethic Aspects Hlthcare	3
Total Hours		44

¹ Elective courses. All students must complete at least four (4) semester credit hours of electives in the professional curriculum.

Transfer students should contact pharmacy admissions office to request approved substitute course(s).

Recommended pre-pharmacy elective courses that are not requirements of the degree plan include: PHAR 111 Pharmacy Orientation, PHAR 112 Pharmacy Orientation, PHAR 211 Pharmacy Applications, PHAR 212 Medical Terminology.

Pharmacy, Doctorate

Course	Title	Hours
Freshman		
First Semester		
BIOL 111	Biological Science Lab I	1
BIOL 131	Biological Science I	3
CHEM 111	Chemistry I Lab	1
CHEM 131	Chemistry I	3
CS 116	Intro To Compr Science I	3
ENG 131	Freshman English I	3
FS 102	Freshman Seminar/ first Year Experience	1
Pre-pharmacy Elective ¹		
Hours		15
Second Semester		
BIOL 112	Biological Science Lab II	1

BIOL 132	Biological Science II	3
CHEM 112	Chemistry II Lab	1
CHEM 132	Chemistry II	3
ENG 132	Freshman English II	3
HIST 231	Soc & Pol Hist US to 1877	3
MATH 241	Calculus & Analytic Geomtry I ²	4
Pre-pharmacy Elective ¹		
Hours		18

Summer

Required Summer Semester¹

First Semester		
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
Second Semester		
POLS 235	American Government	3
Visual & Performing Arts ³		3
Hours		12

Sophomore

Third Semester

BIOL 245	Human Anatomy & Physiology	4
CHEM 211	Organic Chem I Lab	1
CHEM 231	Organic Chem I	3
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
MATH 231	Elementary Statistics	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
ECON 231	Principles Of Economics I	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
SOC 221	Soc Of Human Sexuality	
SOC 238	Introduction To Anthropology	
Hours		18

Fourth Semester

CHEM 212	Organic Chem II Lab	1
CHEM 232	Organic Chem II	3
English 200 Level Literature		3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
BIOL 347	Microbiology	4
Pre-pharmacy elective ¹		
Hours		14
Total Hours		77

¹ Recommended pre-pharmacy elective courses that are not requirements of the degree plan include: PHAR 111 Pharmacy Orientation, PHAR 112 Pharmacy Orientation, PHAR 211 Pharmacy Applications, PHAR 212 Medical Terminology.

- ² A summer term is required to complete the Pharm.D. Curriculum. MATH 241 Calculus & Analytic Geometry I: 4 hours will be accepted for transfer students. Students may still be required to complete the chemistry minor (required math sequence) to qualify for Calculus if they do not qualify for the course upon admission. Sequence: MATH 133 College Algebra and/or MATH 136 Precalculus Math must be completed if student does not meet SAT/ACT or TSI Math scores to qualify for MATH 241 Calculus & Analytic Geometry I in their first semester (See advisor).
- ³ A summer term is required to complete the pre-pharmacy curriculum in two years.
- ⁴ Visual and Performing Arts: THEA 130 Introduction to Theatre, MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art. (TCCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301.)
- Chemistry (Pre-Medical & Pre-Dental Concentration), Bachelor of Science (p. 350)
 - Chemistry Minor (p. 352)
 - Department of Computer Science (p. 352)
 - Accelerated 4+1 Computer Science (General CS Concentration), BA MS (p. 358)
 - Computer Science (Computer Networks Concentration), Bachelor of Science (p. 359)
 - Computer Science (General CS Concentration), Bachelor of Science (p. 361)
 - Computer Science Minor (p. 362)
 - Department of Engineering (p. 363)
 - Civil Engineering Technology, Bachelor of Science (p. 375)
 - Civil Engineering, Bachelor of Science (p. 376)
 - Computer Engineering Technology, Bachelor of Science (p. 378)
 - Electrical and Computer Engineering (Computer Engineering Concentration), Bachelor of Science (p. 380)
 - Electrical and Computer Engineering (Electrical Engineering Concentration), Bachelor of Science (p. 382)
 - Electronics Engineering Technology, Bachelor of Science (p. 383)
 - Department of Environmental and Interdisciplinary Sciences (p. 385)
 - Department of Industrial Technologies (p. 385)
 - Industrial Technology (Construction Technology Concentration), Bachelor of Science (p. 390)
 - Industrial Technology (Design Technology Concentration), Bachelor of Science (p. 392)
 - Department of Mathematics (p. 393)
 - Mathematics Minor (p. 398)
 - Mathematics, Bachelor of Science (p. 398)
 - Department of Physics (p. 401)
 - Physics (Engineering-Physics Concentration), Bachelor of Science (p. 407)
 - Physics (Premedical-Physics Concentration), Bachelor of Science (p. 409)
 - Physics Minor (p. 411)
 - Department of Transportation Studies (p. 411)
 - Maritime Transportation Management and Security (with Minor), Bachelor of Science (p. 415)
 - Maritime Transportation Management and Security for Transfer Students with AAS Logistics & Global Supply Chain Management Maritime Specialization, Bachelor of Science (p. 417)
 - Maritime Transportation Management and Security Minor (p. 419)
 - Maritime Transportation Maritime Management and Security (Without Minor), Bachelor of Science (p. 419)

College of Science, Engineering and Technology

The College of Science, Engineering and Technology (COSET) at Texas Southern University consists of 10 departments:

- Department of Aviation Science and Technology (p. 324)
- Department of Biology (p. 331)
- Department of Chemistry (p. 345)
- Department of Computer Science (p. 352)
- Department of Engineering (p. 363)
- Department of Environmental and Interdisciplinary Sciences (p. 385)
- Department of Industrial Technologies (p. 385)
- Department of Mathematics (p. 393)
- Department of Physics (p. 401)
- Department of Transportation Studies (p. 411)

In serving students, these units allow the College to fulfill its mission; and through them, thirteen undergraduate and six graduate degrees are offered. For detailed information on the six graduate degrees, students are referred to the Graduate School Bulletin of Texas Southern University. A summary of the degrees and departments, by name, appears in the chart below:

- Department of Aviation Science and Technology (p. 324)
 - Aviation Science and Technology (Aviation Science Management Concentration), Bachelor of Science (p. 328)
 - Aviation Science Management (Professional Pilot Concentration), Bachelor of Science (p. 330)
- Department of Biology (p. 331)
 - 2-Year Pre-Nursing (p. 337)
 - Biology (Comprehensive Concentration), Bachelor of Science (p. 338)
 - Biology (Geographic Information Systems Certificate), Bachelor of Science (p. 340)
 - Biology (Pre-Health Professional Concentration), Bachelor of Science (p. 342)
 - Biology Minor (p. 344)
- Department of Chemistry (p. 345)
 - Chemistry (American Chemical Society (ACS) Approved Concentration), Bachelor of Science (p. 348)

Administratively, COSET is headed by a Dean who is assisted by the Associate Dean of Academic Affairs, the Associate Dean of Administration and Development, and the Assistant Dean of Student Services and Instructional Support. Each of the ten departments is headed by a Department Chair who reports to the Dean. All administrative offices, classrooms, and research facilities for the College are primarily located in two facilities designated as follows: the Texas Southern University Science Center and the Leonard H. O. Spearman Technology Building.

Mission Statement

The College of Science, Engineering and Technology at Texas Southern University is dedicated to integrating sciences and contemporary technologies, through education, scholarly activities, and community service, and meeting the needs of a diverse graduate and undergraduate student population while addressing critical urban issues within a global economy.

As an instructional agent of the University, COSET has an additional service mission as stated below: to provide students of varied scholastic levels access to higher education by providing the academic foundations necessary for accessing educational programs at the University; and to prepare competent professionals and leaders capable of providing effective service and developing solutions to the problems of the nation and the world, especially in urban environs.

In pursuing its missions, the College embraces the following goals: provide high quality instruction; perform basic and applied research; engage in community service; optimize enrollment of college-ready undergraduate students and enhance graduate student enrollment; strive for steady increase in external funding; and ensure that the College's administrative units function effectively and efficiently so that they support the mission of the College and the University.

Accreditation

All programs in the College are accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, but some programs have national disciplinary accreditation as well. The Chemistry program is certified by the American Chemical Society. The Electronics Engineering Technology Program in the Department of Engineering is accredited by the Engineering Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (ETAC of ABET). The undergraduate programs in the Department of Industrial Technologies are accredited by the Association of Technology, Management, and Applied Engineering (ATMAE). The Aviation Science Management program in the Department of Aviation Science and Technology is accredited by ATMAE. The undergraduate flight concentration in the Department of Aviation Science and Technology is recognized by the Federal Aviation Administration, under Federal Aviation Regulation, Code of Federal Regulations Part 141.

Admission Policies

Students (either new or transfer) wishing to enroll in one of the programs of study leading to one of the 11 undergraduate degrees offered through COSET must first gain admission to Texas Southern University through policies and procedures established by the University Director of Admissions. Once admitted, students are required to contact the University Testing Center for advisement regarding the fulfillment of the TSI assessment requirements, and the department of choice in the College for additional advisement. Students may not officially declare majors until the TSI assessment requirement has been fulfilled and identified deficiencies have been eradicated. However, they are eligible to enroll in some selected courses offered through the departments in the College once admitted. The department offices provide advisement upon request related to courses available to students who are not yet eligible to declare majors in the College.

Once admitted, or while applying for admission, students who need financial aid or assistance should contact the **Office of Student Financial Assistance at the University**. In addition, some competitive scholarships may be available to students through the College. Students earning GPA's

of approximately 3.00 or higher (out of 4.00) may inquire about making application for these scholarships through one of the ten department offices or the Dean's Office.

Former students in the College who were enrolled for credit within the year prior to registration are not required to apply for readmission. However, students who last attended one year or more, prior to registration, are required to file applications for readmission and submit transcripts from all colleges attended since their last enrollment at Texas Southern University.

Academic Standards Policy

The College of Science, Engineering and Technology has set minimum standards that a student must achieve to remain in good academic standing. In general, these standards are reflective of those established by the University and are as follows: the minimum GPA required by the University for awarding the baccalaureate degree is 2.00 for all credit work taken by the student as part of an approved program of study. The GPA is computed by dividing the total number of quality points earned by the total number of GPA hours (See "Grading System", University Catalog), except for credit hours in courses for which the student received a "W" or "I". For any repeated course, the grade earned only in the last attempt is used in the GPA calculation. The academic standing is determined at the end of each semester based on the institutional cumulative GPA at the end of that semester as well as the GPA earned during the semester. Good Academic Standing: A student who maintains an institutional cumulative GPA of 2.00 or higher is in good academic standing.

Academic Probation

Students who start the semester in good academic standing but fail to maintain an institutional cumulative GPA of 2.00 or higher at the end of the semester, will be placed on Academic Probation for the following semester. Students on probation may be removed from Academic Probation at the end of the semester if they earn a cumulative GPA of 2.00 or higher. Students who fail to bring their cumulative GPA to 2.00 or higher at the end of the semester will be placed on Suspension. However, a student on Academic Probation will be considered in good academic standing and will not be suspended at the end of any semester during which a semester GPA of 2.25 or higher has been earned.

Students on Academic Probation:

- May not register for more than 15 semester credit hours.
- Must adhere to the requirements prescribed for COSET probation students.
- Must get advisement in their home (major) department or with a College Academic Advisor before they will be allowed to enroll.

After advisement, the student enrollment request, and maximum hours allowed is reported to the Office of Student Services and Instructional Support. The student must report to the Office of Student Services and Instructional Support in the Leonard Spearman Technology Building, room 150 for academic monitoring.

Suspension

Students on Academic Probation at the beginning of the semester are suspended if they fail to bring their cumulative GPA to 2.00 or higher by the end of the semester unless they earn a semester GPA of 2.25 or higher. Additionally, any student enrolled in nine or more credit hours and who earns an "F" in all classes will be suspended from the University.

1. The first academic suspension is for a period of at least one long semester (fall or spring). Students placed on academic suspension at the end of a fall semester are suspended for the following spring and are not eligible to re-enroll until the following summer. Students placed on academic suspension at the end of a spring semester are suspended for the following fall and are not eligible to re-enroll until the following spring. Students placed on academic suspension at the end of a summer semester are suspended for the following fall and are not eligible to re-enroll until the following spring.
2. Any suspension after the first one will be for a period of one year. At the end of the suspension period, students will need to apply for re-admission to the University provided they can show evidence of increased academic maturity as explained below.
3. While on academic suspension, the student must enroll in another institution of higher learning and show evidence of academic maturity at the end of the suspension period. Such evidence may be grades from courses taken at that institution. Military service and associated courses / training may also be used as evidence of maturity. The following are evidence of academic maturity based on the suspension period:
 - a. Academic maturity evidence for one semester suspension: Completion of 12 credit hours or more in courses that are not repeats of courses previously taken at TSU and a GPA of 2.5 or higher at the end of the enrollment period.
 - b. Academic maturity evidence for one year suspension: Completion of 24 credit hours or more in courses that are not repeats of courses previously taken at TSU and a GPA of 2.5 or higher at the end of the enrollment period.

Academic Suspension and Appeal

Faculty and staff are committed to helping students achieve their academic goals. Nevertheless, some students fail to maintain an adequate grade point average and are academically suspended. Students who believe that extenuating circumstances contributed to their suspension may appeal their case to the University's Committee on Suspension and Readmission. To appeal, students must explain those circumstances in a letter submitted to the committee immediately after receiving notification of suspension. (See also "Grade Appeal, Retention Standards, and Academic Probation" in the Undergraduate Catalog)

Readmission from Academic Suspension

Only the Dean of the college may readmit students on academic suspension from Texas Southern University. Readmission from academic suspension is neither automatic nor guaranteed. Students seeking readmission must submit the following to the dean of the college or school in which they wish to earn their degrees:

- A written petition justifying their readiness to resume their studies at the University.
- Official transcripts showing at least a 2.50 GPA (with no course having a grade below C) on all college work completed elsewhere while on academic suspension from Texas Southern University.
- Transcripts of all other completed college work.
- Students seeking to change their majors from the college from which they were suspended to another college must submit a "change of major" request along with a petition for readmission from academic suspension to the college of the intended major.

In the College of Science, Engineering and Technology, the appeal process is as follows. The student will receive notification of the academic suspension from the College. The suspended student must

submit a COSET application for reinstatement from suspension with all supporting documents to the College before the designated deadline in the application instructions. The College committee will review the application and make recommendations regarding reinstatement. The suspended student will be notified in writing of the decision. Students allowed to return from suspension will be admitted under probationary status. After advisement in their home department or with the designated academic advisor, the student enrollment request, and maximum hours allowed is processed. The student must report to Office of Student Services and Instructional Support, room 150 of the Leonard Spearman Technology Building for academic monitoring.

Departments may have additional policies and procedures pertaining to readmission from academic suspension; therefore, students seeking readmission should consult the appropriate college section in the undergraduate catalog or request information from the office of the Department Chair for specific departmental requirements. When re-admitted, the student will enter the College with probationary status. Another suspension at the end of the semester of re-admission may be avoided by achieving the minimum cumulative average according to the standards above.

Note: Each department may adopt its own set of "Academic Progression Standards" to address the particular academic needs of its students. These standards, however, may be higher than the standards of the College, as set out above, but they may not be lower.

General College Policies

1. All students enrolled in the College of Science, Engineering and Technology are required to follow the sequence of courses outlined in their respective degree plans.
2. Students may not enroll in required advanced courses without satisfactorily completing the prerequisites for these courses whether they are offered through the College or through other colleges or schools at the University.
3. Students earning undergraduate degrees from the College may or may not be required to declare a minor; hence, the respective departmental information describing the various degrees should be consulted regarding this matter.
4. For all undergraduate programs offered through the College, a common core of courses (interdisciplinary in nature) is required for completion of the respective degree requirements.
5. Students may be required to pass a comprehensive exit examination prior to graduation.
6. All students enrolled in the College are encouraged to secure either cooperative education or internship positions prior to graduation. Further information on these positions may be obtained from either the Office of the Dean of the College of Science, Engineering and Technology or the University Career Planning and Placement Center.

Student Organizations

Student participation in a number of professional organizations and societies having student affiliated chapters on campus is encouraged. The principle organizations operating in the College are listed below:

- American Association of Airport Executives (AAAE)
- American Society of Civil Engineers (ASCE)
- American Chemical Society Student Chapter (ACS)
- American Design Drafting Association (ADDA)
- Associated General Contractors Student Chapter (AGC)

- Beta Beta Beta Biological Honor Society
- Beta Kappa Chi Scientific Honor Society
- Biology Undergraduate Student Association
- Chinese Students and Scholars Association (CSSA)
- Conference of Minority Transportation Officials (COMTO)
- Cyber Internet Security Student Association
- Environmental Student Club (ESC)
- Environmental Toxicology Graduate Students Association (ETGSA)
- Health Occupations Students of America (HOSA)
- Institute of Transportation Engineers (ITE)
- Intelligent Transportation Society of Texas (ITSA), TSU Student Chapter
- Minority Association of Pre-Medical Students (M.A.P.S.)
- Mobil Application Development (MAD) Group
- National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE)
- National Society of Black Engineers (NSBE) Student Chapter
- National Technical Association (NTA) TSU Student Chapter
- Society of Urban Mathematics (SUM)
- Society of Physics Students (SPS)
- Texas Southern Computing Society (TSCS)
- Texas Southern University Chemistry Club
- Texas Southern University Pre-Nursing Association
- Texas Southern University Maritime Student Association
- Texas Southern University Student Chapter of Society of Environmental Toxicology and Chemistry (SETAC)
- Texas Southern University Society of Young Engineers (SYE)
- The Construction Club
- The National Association of Minority Contractors (NAMC)
- Women in Aviation International, TSU Maroon Tails Chapter

Students should seek additional information on these organizations through the Office of the Dean or through the Department offices in the College.

Right to Modify

The information contained in this bulletin is considered to be descriptive in nature and not contractual. The University reserves the right to change any policy or requirement at any time during the time that students are enrolled. Courses are also subject to change.

Department of Aviation Science and Technology

The mission of the Department of Aviation Science and Technology is to prepare students with the foundational knowledge required to develop and function as aviation professionals. Specifically, our mission is to prepare our majors with the base knowledge and skills for graduate study and entering the workforce as entry level aviation professions. The Department offers a Bachelor of Science degree in Aviation Science Management with two concentrations: (1) Management and (2) Professional Pilot.

The Aviation Science Management Degree provides a strong foundation for a career as a manager in the aviation infrastructure. The curriculum provides skills in management, communications, and research to prepare

students for leadership positions in the field of aviation management. The last two years of matriculation include extensive professional-level Aviation Science Technology and Management courses whereby students shall develop critical thinking and problem solving skills. The degree in Aviation Science Management is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

The Aviation Science Management Degree with the Professional Pilot Concentration leads to the accomplishment of an academic degree and a professional pilot license, providing opportunities for employment in the aviation industry for graduates. The degree with flight concentration is designed to prepare students for several career options that include: private pilot, professional pilot, and certified flight instructor. The flight concentration is a Federal Aviation Administration Part 141-approved program.

Former military must submit a copy of their DD214 form to the Texas Southern University Office of Veteran Affairs in order to receive academic credit for military courses recommended by the American Council on Education. Students with prior Aviation flight training must present certification to the department Chair for credit evaluation. Individuals possessing a private pilot, commercial, and instrument license can receive credit for flight training upon evaluation by the department chair. Transfer of credit from another institution to Texas Southern University involves consideration of accreditation, comparability of course work, and applicability of that course work to a degree program at the University.

Degree Requirements

The Bachelor of Science (B.S.) degree in Aviation Science Management is earned by the successful completion of a 120 credit hours (minimum) including 44 hours of general education core courses and other courses as established by Texas Southern University and approved by the Texas Higher Education Coordinating Board, 76 hours of courses as defined by the Department of Aviation Science and Technology. All coursework representing the 76 hours of courses as defined by the Department of Aviation Science and Technology leading to the B.S. Degree in Aviation Science Management must be earned with a grade of "C" or better, where grades of "C-" or below are unacceptable. For a minor in Aviation Science Management, twenty-one (21) semester hours are required. Students pursuing a minor in Aviation Science Management must have a grade point average of 2.50 or better and visit with the Department Chair prior to enrolling in courses.

For further information, please contact the department of Aviation Science and Technology at (713) 313-1846 or come to Room 301 of the Spearman Technology Building.

- Aviation Science and Technology (Aviation Science Management Concentration), Bachelor of Science (p. 328)
- Aviation Science Management (Professional Pilot Concentration), Bachelor of Science (p. 330)

Aviation Science and Technology Courses

AVST 101 Introduction To Aviation/History (3 Credits)

The course covers a brief historical review of early aviation, the freedom and the power of flight from the 15th. Century drawings and manuscripts of Leonardo de Vinci to modern times, discussing the fundamentals of flight and aeronautical technology, and an introduction to aircraft systems and operations. The dynamics of safety of flight, human factors, interpreting aeronautical graphic representation, introductory navigation, air traffic control and airspace, and aviation weather aspects are topics of discussion. Three hours of lecture per week

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 103 Private Pilot Ground (3 Credits)

Private Pilot Ground (3) Private pilot ground covers the cockpit instruments and system, fundamentals off light, aircraft performance charts, and cross country planning. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 105 Private Pilot Flight (3 Credits)

Private Pilot Flight (3) This course prepares the student for the FAA Private Pilot Practical Examination. Successful completion of this course will permit the student to perform as apilotin command of single engine aircraft transport of passengers or property without recompense, whether fees or employment. Three hours of lecture per week. FAA approved.

Prerequisite: AVST103. Co-requisite: AVST105L

Prerequisite(s): (AWS 103)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 105L Private Pilot Lab (3 Credits)

Private Pilot Flight Lab (3) Practical application of aeronautical skills in a laboratory setting. Three hours of laboratory per week. Prerequisite: AVST103. Co-requisite: AVST105.

Prerequisite(s): (AVST 103)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 113 Introduction to Flight (3 Credits)

Introductions to Flight (3) Introduction to Flight covers the fundamentals of flight. Three hours of lecture per week. Co-requisite: AVST113L

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 113L Introduction to Flight Lab (1 Credits)

Practical application of aeronautical skills in a laboratory setting. One hour of lab per week. Co-requisite AVST 113.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 120 Transportation Survey (3 Credits)

Transportation Survey (3) Transportation system sand their impacton society. Standard research practices will be introduced. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 200 Basics of Communications (3 Credits)

Basics of Communications (3) In accordance with FAA orders 7110.65 and 7110.10, the student will identify basic radio and interphone communications, ICAO phonetics, numbers usage, basic phraseology, coordination procedures, purpose and steps of the position relief briefing. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 201 Flight Meteorology (3 Credits)

Flight Meteorology (3) This course provides detailed knowledge of the environmental factors critical to safe flight operations. The course covers weather systems, upper-air characteristics, flight hazards, weather-related to pics in flight safety, meteorological flight planning, use of weather information systems, and there ports and charts used for aviation weather reporting and forecasting. Survey of atmospheric and weather-related phenomena and their impact on flight operations including the inter face of airmen and flight service stations. Three hours of lecture per week. Pre requisite: AVST 105, AVST 105L.

Prerequisite(s): AVST 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 203 Introduction to Air Traffic Control (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 214 Intro to Homeland Security (3 Credits)

Introduction to Homeland Security (3) This course provides a survey of historical events, practices, and polices of the Emergency management system in the aviation industry. Three hours of lecture per week.

Prerequisite: AVST101 and AVST371.

Prerequisite(s): (AVST 120)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 218 Instrument Ground (3 Credits)

Instrument Airplane examination. Numerous topics in instrument flight techniques will be presented. Three lecture hours per week.

Prerequisite(s): (AVST 103 and AVST 105L) and (AVST 218L (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 218L Instrument Ground Lab (1 Credits)

Instrument Flight (1) Students will attain the knowledge and skill necessary for Instrument ground and flight rating and exercise the privileges of therating. Completion of the FAA knowledge exam is necessary for this rating. Pre-requisite: AVST103 and AVST105. Co-requisite: AVST218.

Prerequisite(s): (AVST 103 and AVST 105)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 222 Laws & Ethics in HSEM (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 305 Fundamentals of Avionics (3 Credits)

Understanding the principles of theory, and technology of modern avionics systems. Mathematical and conceptual approache for various subsystems including, but not limited to sensory, display, navigation, air date, autopilots, and flight management are examined individually and as an integrated whole. 3 credits.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 310 Emergency Planning Mitigation (3 Credits)

Airport Emergency Planning and Mitigation (3) Provides foundation knowledge and develops skills in emergency planning, hazard mitigation, and incident management in aviation environments. Three hours of lecture per week. Prerequisite: AVST371.

Prerequisite(s): (AVST 371)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 311 Intermediate Flight Practicum (3 Credits)

Course is required for students to accumulate flight hours and experience. Consists of 36 hours of total flying time, to include 25 hours of solo instruction and 11 hours of dual flying time. Instruction shall be accomplished in an approved single engine fixed gear aircraft. 5 hours of pre-flight and post-flight instruction and briefing.

Prerequisite(s): (AVST 105 and AVST 105L)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 311L Intermediate Aviation Lab I (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 312 Commercial Pilot Certification (3 Credits)

Commercial Pilot Certification (3) Successful completion of the course will certify the pilot to perform as a hired or compensated pilot in command of single engine aircraft. Course includes advanced aerodynamics, aircraft performance, precision maneuvers, extended cross-country and night flight, FAA regulations, and an introduction to advanced systems of highly developed futuristic aircraft. FAA approved. Three hours of lecture per week. Prerequisite: AVST 218 and AVST 218L. Co-requisite: AVST 312L.

Prerequisite(s): AVST 312L (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 312L Commercial Pilot Cert. Lab (1 Credits)

Commercial Pilot Certification Lab (1) Laboratory course providing students opportunities to learn the advanced aerodynamics, aircraft performance, precision maneuvers, extended cross-country, night flight, and FAA regulations.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 313 Int Flight Theory (3 Credits)

International Flight Theory (3) This course provides descriptions and familiarization of large transport category air craft and their on-board systems from electrical power systems to oxygen systems, to communication systems, and beyond. This course also contains general information and guidance for operators planning oceanic flights, including authorizations needed for operations out side the continental United States. This includes Special Areas of Operation (SAO) such as North Atlantic Minimum Navigation Performance Specifications (NAT/MNPS), Reduced Vertical Separation Minimums (RVSM), Area Navigation (RNAV), and Required Navigation Performance (RNP) air space. Prerequisite: AVST 312.

Prerequisite(s): (AVST 312)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 315 Multi-Engine Rating (3 Credits)

Multi-Engine Rating (3) This course is designed to prepare the student for the FAA Multiengine Rating Practical Examination. Successful completion of this course will permit the student to operate as a pilot in command of a multiengine airplane. FAA Approved. Three hours of lecture per week. Prerequisite: AVST 312.

Prerequisite(s): AVST 315L (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 315L Multi-Engine Rating Lab (1 Credits)

Provides the student with flight time and instruction to complete all maneuvers and operations required in preparation to earn the Federal Aviation (FAA) Multiengine Airplane Class Rating. 1 credit hour.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 316L Intermediate Aviation Lab II (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 317L Intermediate Aviation Lab III (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 318 Crew Resource (2 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 319 Crew Resource Management (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 321 Air Traffic Control (3 Credits)

Air Traffic Control (3) This course provides an overview of the development and application of Air Traffic Control (ATC) separation standards and procedures for the control of instrument flight in controlled airspace. A study of the national air traffic control system is discussed with an emphasis on basic air traffic control procedures; the roles of Center, Approach Control, Tower, and Flight Service Station. Includes communications, navigation procedures, radar operations, and facilities. Three hours lecture per week. Co-requisite: AVST321L.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 321L Air Traffic Control Lab (1 Credits)

Air Traffic Control Lab (1) Practical application of air traffic control skills in a laboratory setting. Two hours of laboratory per week. Co-requisite: AVST321.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 325 Airport Design & Operation (3 Credits)

Airport Design and Operation (3) The study of planning, design construction of airports. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 345 Principles Aviation Property (3 Credits)

Principles of Aviation Property (3) Study of the processes of planning, organizing, directing, and controlling aviation property at fixed based operations. Three hours of lecture per week. Prerequisite: AVST 371.

Prerequisite(s): (AVST 371)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 351 Aviation Law (3 Credits)

Aviation Law (3) Chronological development of aviation law, federal and state regulatory functions, rights and liabilities of aviators, commercial air carrier operations, and the traveling public. Includes FAA regulation and directives governing airport operations, air carrier safety, and aviation security. Three hours of lecture per week.

Prerequisite(s): (AVST 101 and AVST 120)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 352 Aviation Business Org Mgmt (3 Credits)

Aviation Business Organization Management (3) A study of the role of business operations and technique at small and large airports. Three hours of lecture per week. Prerequisite: AVST 371.

Prerequisite(s): (AVST 371)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 371 Airport Management (3 Credits)

Airport Management (3) Origin of early legislation shaping development of present National Airport System, procedures for financing airport construction, phases of airport master planning, daily operations, and contractual provisions governing the operations of an airline. Three hours of lecture per week.

Prerequisite(s): (AVST 351)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 380 Flight Instruction Airplane (3 Credits)

Flight Instruction Airplane (3) This course is a study of the fundamental so far plane flight instruction involving educational principles of the learning and teaching process, communication, teaching methods, critiquing, evaluating, and planning instruction activity. Three hours of lecture per week. Prerequisite: AVST 315.

Prerequisite(s): AVST 380L (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 380L Certified Flight Instructor-Airplane Lab (1 Credits)

Provides student the flight time and instruction needed to demonstrate, teach, and evaluate their performance in all maneuvers and operations required to earn the Private Pilot Commercial Pilot Certificates. 1.00 credit hour.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 381 Air Carrier Management (3 Credits)

Air Carrier Management (3) Historical development of U.S. trunk carrier operations and regulatory interfaces with the federal government, International Civil Aviation Organization (ICAO), and the International Air Transport Association (IATA). Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 400 Flight Instructor Instrument (3 Credits)

Flight Instructor Instrument (3) Instruction, flight training and practice teaching to obtain the aeronautical skills and knowledge necessary for FAA Certified Flight Instructor, Instruments. Three hours of lecture per week. Prerequisite: AVST 315.

Prerequisite(s): AVST 400L (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 400L Certified Flight Instructor Instrument Lab (1 Credits)

Flight time and instruction to demonstrate, teach, and evaluate performance of students in all maneuvers and operations required to earn the FAA instrument rating. The student will be prepared to for the administration of the oral and practical examinations administered by the FAA. 1 credit hour.

Prerequisite(s): AVST 315

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 401 Advanced Aerodynamics (3 Credits)

Advanced Aerodynamics (3) Advanced the ories of flight and flight factors including air foil shape, drag velocity, lift and thrust, stability and control; advanced principles of performance including capabilities and limitations, performance and design criteria, load factors, weight and balance charts, comparative analysis of aircraft, and certification of aircraft. Three hours of lecture per week. Prerequisite: AVST 312.

Prerequisite(s): (AVST 312)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 402 Effective HSEM CM & Leadership (3 Credits)

Effective HSEM Communications & Leadership (3) Prepares future aviation professionals with communication and leadership skills to fulfill team-building roles with government and non-government agencies during times of aviation disasters. Three hours of lecture per week. Prerequisite or Co-requisite: AVST 310.

Prerequisite(s): (AVST 310)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 403 TurboProp Familiarization (3 Credits)

Turbo prop Familiarization (3) This course studies Turbo prop and turbo jet engines and their operation. Electrical, pressurization, hydraulic, and fuel systems will be examined. Three hours of lecture per week. Prerequisite: AVST 315.

Prerequisite(s): (AVST 315)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 404 Flight Safety (3 Credits)

Flight Safety (3) Instruction emphasizing personal and institutional safety goals within the framework of the FAA. Three hours of lecture per week. Prerequisite: AVST 312.

Prerequisite(s): (AVST 371)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 406 The National Airspace System (3 Credits)

The National Airspace System (3) Overview of the proposed NAS Plan including problems such as airspace allocation, airspace usage, facilities and safety. Three hours of lecture per week. Prerequisite: AVST 218.

Prerequisite(s): AVST 321

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 407 Aviation Services Opers (3 Credits)

Aviation Service Operations (3) Study of different aviation services at airports such as fueling services, ramp operators, and environmental management. The course will also cover operational management issues including Fixed Based Operations, general aviation, and relationship between private and governmental partners in the industry. Three hours of lecture per week. Prerequisite: AVST 371.

Prerequisite(s): (AVST 371)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 408 Multi Engine-CFI (3 Credits)

Provides the student with the flight time and instructions to demonstrates, teach and evaluate performance of students in all maneuvers and operations required to earn the FAA Multiengine Rating. 1.00 Credit hour.

Prerequisite(s): AVST 408L (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

AVST 408L Multi Engine CFI lab (1 Credits)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

AVST 409 Gen Aviation Mgmt (3 Credits)

General Aviation Management (Fixed Based Ops) (3) A study of fixed based operations and its function and responsibilities of managing the facility. The course will also examine sources of profit, management, maintenance and operations. Three hours of lecture per week. Prerequisite: AVST 371.

Prerequisite(s): (AVST 371)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 410 FAR CFR PART 139 (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 412 Aviation Capstone Project (2 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 412L Aviation Capstone Proj Lab (1 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 415 Aeronautical Charts & Publicat (3 Credits)

Aeronautical Charts and Publications (3) The student will become familiar with VFR Charts, FAA publications, en-route IFR Charts, SIDs & STARS, approach plates, and emergency rescue procedures. Three hours of lecture per week. Prerequisite: AVST 312.

Prerequisite(s): (AVST 312)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 425 Flight Physiology (3 Credits)

Flight Physiology (3) A study of the causes, symptoms, treatment, and prevention of medical issues associated with flight. Three hours of lecture per week. Prerequisite: AVST 105, AVST 105L, and AVST 315.

Prerequisite(s): (AVST 105 and AVST 105L and AVST 315)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 444 Aviation Pro System Mgmt (3 Credits)

Aviation Project System Management (3) A study of the role of project managers using software programs and systems analysis techniques. Three hours of lecture per week. Prerequisite: AVST 371. Co-requisite: 444L.

Prerequisite(s): (AVST 371)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 444L Aviation Proj System Mgmt Lab (1 Credits)

Aviation Project System Management Lab (1) Laboratory training of the role of project managers using software programs and systems analysis techniques. Prerequisite: AVST 371. Co-requisite: AWS 444.

Prerequisite(s): (AVST 371)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AVST 495 Fld Work Pract in AVS (3 Credits)

Field Work Practicum in Aviation Science (3-6) Directed study involving field placement which provide students with practical exposure to present operational and managerial practices in aviation. This course also provides internal and external class room work to develop skills in research, proposal, and grant writing. Prerequisite: Permission of the Chair.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

Aviation Science and Technology (Aviation Science Management Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 328)	42
	Major Requirements (p. 329)	37
	Other Requirements (p. 329)	43
	Minor Requirements (p. 329)	0
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra ²	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
PHYS 101	Principles of Physics	3
Language, Philosophy, and Culture		
ENG 2XX ³		3

Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
CS 120	Introduction to Programming Using C++	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed. (N) represents the number of course credits.

² Pending English and Math examinations

³ Approved Electives

Major (Aviation Science Management)

Code	Title	Hours
AVST 101	Introduction To Aviation/History	3
AVST 120	Transportation Survey	3
AVST 201	Flight Meteorology	3
AVST 321	Air Traffic Control	3
AVST 321L	Air Traffic Control Lab	1
AVST 351	Aviation Law	3
AVST 371	Airport Management	3
AVST 381	Air Carrier Management	3
AVST 404	Flight Safety	3
AVST 409	Gen Aviation Mgmt	3
AVST 410	FAR CFR PART 139	3
AVST 412	Aviation Capstone Project	2
AVST 412L	Aviation Capstone Proj Lab	1
AVST 495	Fld Work Pract in AVS	3
Total Hours		37

Other Requirements

Code	Title	Hours
ACCT 231	Principles Of Accounting I	3
BADM 230	Advanced Communication Skills	3
MATH 136	Precalculus Math	3
MATH 241	Calculus & Analytic Geomtry I	4
MGMT 300	Principles of Management	3
MGMT 301	Foundations of Human Res Mgmt	3
MGMT 330	Organizational Behavior	3
MGSC 239	Business Statistics I	3
ECON 231	Principles Of Economics I	3
FS 102	Freshman Seminar/ first Year Experience	1

Electives ¹	15
Total Hours	44

¹ Any 15 hours from the following:

- Any AVST course other than required courses
- Any MATH, MG MT, MKTG, MGSC, BADM, MSC1, ACCT course, other than required courses.

Minor Requirements

No Minor Required.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
AVST 101	Introduction To Aviation/History	3
CS 120	Introduction to Programming Using C++	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135	BUSINESS & PROFESSIONAL	3
	or COMM 136 COMMUNICATION	
	or PUBLIC ADDRESS	
Hours		16

Second Semester		
ENG 132	Freshman English II	3
CHEM 131/	Chemistry I	3
BIOL 143		
MATH 136	Precalculus Math	3
MUSI 239	Fine Arts In Daily Living	3
AVST 120	Transportation Survey	3
Hours		15

Second Year		
Third Semester		
ENG 2XX Any 200 Level English		3
POLS 235	American Government	3
PSY 131	General Psychology	3
HIST 231	Soc & Pol Hist US to 1877	3
AVST 201	Flight Meteorology	3
Hours		15

Fourth Semester		
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ECON 231	Principles Of Economics I	3
BADM 230	Advanced Communication Skills	3
PHYS 101	Principles of Physics	3
Hours		15

Third Year		
Fifth Semester		
AVST 351	Aviation Law	3
MATH 241	Calculus & Analytic Geomtry I	4
AVST 321	Air Traffic Control	3
AVST 321L	Air Traffic Control Lab	1

AVST Elective ²		3
Hours		14
Sixth Semester		
ACCT 231	Principles Of Accounting I	3
AVST 371	Airport Management	3
MGSC 239	Business Statistics I	3
AVST 381	Air Carrier Management	3
AVST Elective ²		3
Hours		15
Fourth Year		
Seventh Semester		
MGMT 300	Principles of Management	3
AVST 404	Flight Safety	3
AVST 409	Gen Aviation Mgmt	3
AVST 410	FAR CFR PART 139	3
AVST 412	Aviation Capstone Project	2
AVST Elective ²		3
Hours		17
Eighth Semester		
AVST 495	Fld Work Pract in AVS	3
MGMT 301	Foundations of Human Res Mgmt	3
MGMT 330	Organizational Behavior	3
AVST Elective ²		3
AVST 412L	Aviation Capstone Proj Lab	1
Hours		13
Total Hours		120

Aviation Science Management (Professional Pilot Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 330)	42
	Major Requirements (p. 330)	51
	Other Requirements (p. 331)	27
	Minor Requirements (p. 331)	0
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3

Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
CS 116	Intro To Compr Science I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

²

Major (Aviation Science Management)

Code	Title	Hours
AVST 103	Private Pilot Ground	3
AVST 105	Private Pilot Flight	3
AVST 105L	Private Pilot Lab	3
AVST 218	Instrument Ground	3
AVST 218L	Instrument Ground Lab	1
AVST 305	Fundamentals of Avionics	3
AVST 311	Intermediate Flight Practicum	3
AVST 312	Commercial Pilot Certification	3
AVST 312L	Commercial Pilot Cert. Lab	1
AVST 313	Int Flight Theory	3
AVST 315	Multi-Engine Rating	3
AVST 315L	Multi-Engine Rating Lab	1
AVST 380	Flight Instruction Airplane	3
AVST 380L	Certified Flight Intstructor-Airplane Lab	1
AVST 400	Flight Instructor Instrument	3
AVST 400L	Certified Glight Instructor Instrument Lab	1
AVST 401	Advanced Aerodynamics	3
AVST 403	TurboProp Familiarization	3
AVST 408	Multi Engine-CFI	3
AVST 408L	Multi Engine CFI lab	1
AVST 425	Flight Physiology	3
Total Hours		51

Other Requirements

Code	Title	Hours
AVST 201	Flight Meteorology	3
ACCT 231	Principles Of Accounting I	3
BADM 230	Advanced Communication Skills	3
MATH 136	Precalculus Math	3
MGMT 300	Principles of Management	3
MGMT 330	Organizational Behavior	3
PHYS 213	College Phys Lab I	1
PHYS 238	College Physics II	3
PHYS 214	College Phys Lab II	1
FS 102	Freshman Seminar/ first Year Experience	1
Free Elective		3
Total Hours		27

Minor Requirement

No Minor Required.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
AVST 103	Private Pilot Ground	3
AVST 105	Private Pilot Flight	3
AVST 105L	Private Pilot Lab	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3
MATH 136	Precalculus Math	3
AVST 218	Instrument Ground	3
AVST 218L	Instrument Ground Lab	1
CS 116	Intro To Compr Science I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Hours		16
Second Year		
Third Semester		
CHEM 131	Chemistry I	3
AVST 312	Commercial Pilot Certification	3
AVST 312L	Commercial Pilot Cert. Lab	1
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
POLS 235	American Government	3
Hours		14
Fourth Semester		
PHYS 238	College Physics II	3
PHYS 214	College Phys Lab II	1
AVST 311	Intermediate Flight Practicum	3
AVST 201	Flight Meteorology	3
POLS 236	Texas Government	3

AVST 201	Flight Meteorology	3
ENG 2XX Upper Level English		
Hours		16

Third Year

Fifth Semester

HIST 231	Soc & Pol Hist US to 1877	3
AVST 315	Multi-Engine Rating	3
AVST 315L	Multi-Engine Rating Lab	1
MGMT 300	Principles of Management	3
AVST 305	Fundamentals of Avionics	3
BADM 230	Advanced Communication Skills	3
Hours		16

Sixth Semester

HIST 232	Soc & Pol Hist US Since 1877	3
MUSI 239	Fine Arts In Daily Living	3
AVST 380	Flight Instruction Airplane	3
AVST 380L	Certified Flight Intstructor-Airplane Lab	1
ECON 231	Principles Of Economics I	3
Free Elective		3
Hours		16

Fourth Year

Seventh Semester

AVST 400	Flight Instructor Instrument	3
AVST 400L	Certified Glight Instructor Instrument Lab	1
AVST 313	Int Flight Theory	3
MGMT 330	Organizational Behavior	3
AVST 403	TurboProp Familiarization	3
Hours		13

Eighth Semester

AVST 425	Flight Physiology	3
ACCT 231	Principles Of Accounting I	3
AVST 401	Advanced Aerodynamics	3
AVST 408	Multi Engine-CFI	3
AVST 408L	Multi Engine CFI lab	1
Hours		13
Total Hours		120

Department of Biology

Undergraduate Degree(s):

- Bachelor of Science in Biology (Comprehensive Concentration) (p. 338)
- Bachelor of Science in Biology (Geographic Information Systems Certificate) (p. 340)
- Bachelor of Science in Biology (Pre-Health Professional Concentration) (p. 342)

Minor(s):

- Biology (p. 344)

Graduate Degree(s):

- Master of Science in Biology (p. 606)

As the largest instructional unit in the College of Science, Engineering & Technology (COSET), the Department of Biology offers courses in Biology (BIOL) to the general student population, the Bachelor of Science (B.S.) Degree in Biology, the Master of Science (M.S.) Degree in Biology, and a minor in Biology for students pursuing majors in other departments where the declaration of a minor is required. In addition, the Department of Biology serves as the academic unit overseeing Texas Southern University's Pre-Nursing Program. This is a non-degree program designed to prepare students for admission into a Bachelor of Science (B.S.) Degree in nursing program. The teaching, research, and office facilities for faculty members are housed on the second and third floors of the TSU Science Center with the Department Office located in Room 203Z.

Students interested in pursuing the Master of Science in Biology should consult the Graduate School Bulletin of Texas Southern University for further information

The mission of the Department of Biology is threefold:

1. to provide the opportunity for all students who matriculate through Texas Southern University to become better informed about biological phenomena and life processes, as well as apply information and knowledge gained toward an improved understanding of man, society, and the universe;
2. to provide undergraduate students with the appropriate background in Biology that will allow them to pursue medical, biomedical, and other allied or related careers; and
3. to ensure that undergraduates who intend to matriculate in graduate programs in the biological sciences, or related areas, are adequately prepared.

In pursuing the B.S. in Biology, students may select from the Comprehensive or the Pre-Health Professional curricula. The Comprehensive Concentration is designed to prepare students to enter the workforce or for additional study at the graduate level, while the Pre-Health Professional Concentration is intended to prepare students for professional schools (Medical, Dental, Veterinary, Optometry, Physical Therapy and etc.) upon graduation. Students should contact professional schools directly to ascertain specific admission requirements. The specific requirements for the B.S. in Biology are described, in detail, below. **All students majoring in Biology must declare and complete a minor in a second academic discipline if they are first-time degree seekers. Grades of "C" or better, where grades of "C-" are unacceptable, must be earned in all courses needed to satisfy the major and the minor.** Students should seek detailed advisement from their designated advisors when selecting a minor because the selection of said minor could impact the total number of credits required for graduation. In no case will a student majoring in Biology qualify for graduation at the undergraduate level without satisfactorily completing a minimum of 120 semester credit hours.

The Biology undergraduate curriculum at Texas Southern University is designed to provide a comprehensive general education in the natural sciences, humanities, and social sciences and a strong foundation in the principles of modern biology. Interested students must gain admission to the University, satisfy TSI or any equivalent test requirements, and remove deficiencies identified at the time of admission with the University's TSI Testing Center. Shortly after arriving at Texas Southern University, all students interesting in pursuing a degree in Biology will be assigned a pre-major advisor, who will assist in planning their program of study and mentoring them in achieving their career goals. **Biology pre-**

majors may petition the department to declare their major as Biology upon the successful completion of:

Code	Title	Hours
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
BIOL 131	Biological Science I	3
BIOL 132	Biological Science II	3

with a cumulative GPA of 2.75. All students following the Comprehensive Concentration will be required to maintain a GPA of 2.75 with respect to courses in the following cognate areas: Biology, Chemistry, Mathematics, and Physics. All students following the Pre-Health Professional Concentration will be required to maintain an overall GPA of 3.5. If a student's overall GPA falls below 2.75 for two consecutive semesters the student will be removed from the list of designated majors and minors in Biology. Once admitted, students are each assigned an official faculty advisor who must approve their individual schedules of courses for each semester or term of enrollment. All majors should request that the Faculty Chair or the Departmental Appointee evaluate their transcripts at the beginning of their senior year to verify eligibility for degree conferral at the end of that year. Additionally, all Biology majors are required to pass an Exit Examination prior to conferral of their degree. It is recommended that **all Biology majors enroll to take the exit examination in the spring semester (2nd Monday in April) of the junior year. Students who do not pass the exit exam may take as a remedial course BIOL 439 Principles of Biology. Note: If a student fails the exit exam and takes BIOL 439 Principles of Biology, these credits will not be applicable to the total biology hours required for the student's specific curriculum.**

Individuals interested in seeking certification for teaching in the public schools of Texas in Biology should contact the Teacher Certification Officer in the College of Education at Texas Southern University for application instructions. **For the minor in Biology**, click here (p. 344).

Further information may be obtained by contacting the Department Office at (713) 313-7005.

- Biology (Comprehensive Concentration), Bachelor of Science (p. 338)
- Biology (Geographic Information Systems Certificate), Bachelor of Science (p. 340)
- Biology (Pre-Health Professional Concentration), Bachelor of Science (p. 342)
- Biology Minor (p. 344)

Biology Courses

BIOL 111 Biological Science Lab I (1 Credits)

Biological Science Laboratory I (1) Laboratory course devoted to the study of basic life processes and the structural and functional organization of plants and animals. One hour of lecture and two hours of laboratory per week. Corequisite: BIOL 131. Listed as BIOL 1106 in the Texas Common Course Numbering System.

Prerequisite(s): BIOL 131 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 112 Biological Science Lab II (1 Credits)

Biological Science Laboratory II (1) Continuation of Biology 111 with emphasis on biological concepts and processes. One hour of lecture and two hours laboratory per week. Prerequisite: BIOL 111. Co-requisite: BIOL 132. Listed as BIOL1107 in the Texas Common Course Numbering System.

Prerequisite(s): (BIOL 111 and BIOL 131) or (BIOL 132 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 131 Biological Science I (3 Credits)

Biological Science I (3) Integrated approach to the study of basic biological principles which are presented through the hierarchy of living systems. Three hours of lecture per week. Corequisite: BIOL 121. Listed as BIOL 1306 in the Texas Common Course Numbering System.

Prerequisite(s): BIOL 111 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 132 Biological Science II (3 Credits)

Biological Science II (3) Continuation of BIOL 131. Three hours of lecture per week. Prerequisites: BIOL 121, BIOL 131. Co-requisite: BIOL 122. Listed as BIOL 1307 in the Texas Common Course Numbering System.

Prerequisite(s): (BIOL 131 or BIOL 111)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 135 Human Anat & Phys I (3 Credits)

Human Anatomy and Physiology I (4) Course designed for health careers and pre-nursing students emphasizing the structure-function relationships of human organ systems. Three hours of lecture and three hours of laboratory per week. Prerequisites: BIOL 122 and BIOL 132. Listed as BIOL 2401 in the Texas Common Course Numbering System.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 135L Human Anat Physiol Pre-Nur Lab (1 Credits)

Human Anatomy and Physiology Laboratory I (1) Laboratory course emphasizing some of the techniques and principles presented in BIOL 135. One hour of lecture and two hours laboratory per week. Listed as BIOL 2101 in the Texas Common Course Numbering System.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 136 Human Anat & Phys II (3 Credits)

Human Anatomy and Physiology II (4) Continuation of BIOL 135. Three hours of lecture and three hours of laboratory per week. Prerequisite: BIOL 135. Listed as BIOL 2402 in the Texas Common Course Numbering System.

Prerequisite(s): BIOL 135

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 136L Hum Anat Phys Lab (1 Credits)

Human Anatomy and Physiology Laboratory II (1) Laboratory course emphasizing some of the techniques and principles presented in BIOL 136. One hour of lecture and two hours laboratory per week. Listed as BIOL 2102 in the Texas Common Course Numbering System.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 143 Survey of Life Science (3 Credits)

Survey of Life Science (4) In-depth coverage of selected biological principles for non-majors covering the molecular through the population levels of life forms and functions. Methods of inquiry and analysis emphasized. Three hours of lecture and one hour of discussion/demonstrations per week. Listed as BIOL 1408 in the Texas Common Course Numbering System.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 143L Life Science Lab (1 Credits)

Survey of Life Science Laboratory (1) Laboratory experiments and exercises designed to complement BIOL 143. One hour of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 200 Science Colloquium (2 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 211 Cell Biology Lab (1 Credits)

Cell Biology Laboratory (1) Laboratory experiments and exercises to complement BIOL 231 Cell Biology. Three hours of laboratory per week. Co-requisite: BIOL 231.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 212 Developmental Biology Lab (1 Credits)

Developmental Biology Laboratory (1) Laboratory experiments and exercises to complement BIOL 232 Developmental Biology. Three hours of laboratory per week. Co-requisite: BIOL 232.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 231 Cell Biology (3 Credits)

Cell Biology (Previously BIOL 241) (3) Molecular biology of cells encompassing ultra-structure, biosynthesis of macromolecules, chromosome and gene structure, control of gene expression, cell cycles, cytoskeleton movement, and energetic. Three hours of lecture per week. Co-requisite: BIOL 211 (laboratory). Prerequisites: BIOL 111, BIOL 112, BIOL 131, BIOL 132, and one year of college level chemistry.

Prerequisite(s): (BIOL 111 and BIOL 112 and BIOL 131 and BIOL 132 and CHEM 131 and CHEM 112 and CHEM 132 and CHEM 111)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 232 Developmental Biology (3 Credits)

Developmental Biology (Previously BIOL 243) (3) Consideration of development in diverse organisms with an emphasis on comparative vertebrate development. Three hours of lecture per week. Co-requisite: BIOL 212 (laboratory). Prerequisites: BIOL 111, BIOL 112, BIOL 131, and BIOL 132.

Prerequisite(s): (BIOL 111 and BIOL 112 and BIOL 131 and BIOL 132)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 241L Cell Biology Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 242 Comparative Anat Of Vertebrate (4 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 242L Comp Anat Vert Lab (0 Credits)**College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 245 Human Anatomy & Physiology (4 Credits)**

Human Anatomy and Physiology (4) Integrated approach to the study of the organ systems of man for non-majors where the relationship between anatomy and function is emphasized. Three hours of lecture and three hours of laboratory per week. Prerequisite: One year of college level biology. (BIOL 143 does not qualify in meeting this prerequisite.)

Prerequisite(s): (BIOL 131 and BIOL 111 and BIOL 132 and BIOL 112) or BIOL 143**College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 245L Human Anat & Phys Lab (0 Credits)****College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 246 Microbiol Hlth Rel Professions (4 Credits)**

Microbiology for Health Related Professions (4) Morphology and physiology of microorganisms important in community health. Three hours of lecture and three hours of laboratory per week. Prerequisites: BIOL 135 and BIOL 136. Listed as BIOL 2420 in the Texas Common Course Numbering System.

Prerequisite(s): (BIOL 135 and BIOL 136)**College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 246L Micro Hlth Rel Pr Lab (0 Credits)****College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 248 Experiments in Biology I (4 Credits)**

Experiments in Biology I (4) Key experiments in developmental, organismic, and environmental biology. One hour of lecture and five hours of laboratory per week. Prerequisite: Sophomore standing in Biology.

College/School: Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 300 Seminar Hlth Related Profs (1 Credits)**

Seminar for Health Related Professions (1) Designed to broaden the perspectives of students preparing to pursue health professional careers. Students may enroll for a maximum of two semesters. One hour of lecture per week. Prerequisites: BIOL 122 and BIOL 132.

Prerequisite(s): (BIOL 111 and BIOL 112 and BIOL 131 and BIOL 132)**College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 332 Bioinformatics (3 Credits)**

Bioinformatics (3) Investigates the application of molecular biology, computers and the internet to generate and manage DNA and protein sequence data. Lecture and laboratory will involve generation, management and analysis of real and archived (in Genbank) data, including that from the Human Genome Project. Emphasis on genome organization and evolution, archival (web-based) and information retrieval, sequence assembly, alignment, comparative genomics, phylogenetics and evolutionary inferences, analyses of protein structure and micro-array data. Two hours of lecture per week and three hours of laboratory. Co-requisite: BIOL 332L. Prerequisites: BIOL 131 and BIOL 132.

College/School: Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 332L Bioinformatics Lab (0 Credits)****College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 334 Conservation Biology (3 Credits)**

Conservation Biology (3) This course is designed to investigate biodiversity patterns across evolutionary time and place, the human impact on wild populations and habitats, the social, cultural and political issues at the local and global level, and search for sustainable solutions to a world of expanding human populations with limited resources. Three hours of lecture per week. Prerequisites: BIOL 131 and BIOL 132.

Prerequisite(s): (BIOL 111 and BIOL 112 and BIOL 131 and BIOL 132)**College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 338 Genetics (3 Credits)**

Genetics (3) In-depth discussion of the basic concepts of Mendelian, neo-Mendelian, molecular, and population genetics. Three hours of lecture per week. Prerequisites: Two years of college level biology and one year of college level chemistry.

Prerequisite(s): (BIOL 231 and BIOL 232 and BIOL 211 and BIOL 212 and BIOL 111 and BIOL 112 and CHEM 112 and CHEM 132 and CHEM 111 and CHEM 131 and BIOL 131 and BIOL 132)**College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 340 Biochemistry of Biological Com (3 Credits)**

Biochemistry of Biological Compounds (3) Physico-chemical nature of proteins, carbohydrates, lipids, and nucleic acids; kinetic function of enzymes; and structure of biological membranes. Three hours of lecture per week. Prerequisites: One year of college level biology and chemistry.

Prerequisite(s): (CHEM 112 and CHEM 132 and BIOL 131 and BIOL 112 and BIOL 132 and BIOL 111 and CHEM 131 and CHEM 111)**College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 340L Biochem Preparations Lab (0 Credits)****College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 341 Organismic Biology (4 Credits)**

Organismic Biology (4) Comparative and integrated approach to the study of organisms emphasizing diversity, maintenance, coordination, and function of organ systems. Three hours of lecture and three hours of laboratory per week. Prerequisites: BIOL 122 and BIOL 132.

Prerequisite(s): (BIOL 132 and BIOL 112 and BIOL 111 and BIOL 131)**College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 341L Organismic Biol Lab (0 Credits)****College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 343 Ecology (3 Credits)**

Ecology (3) A study of ecosystems from the standpoint of functional dynamics as well as the roles of ecological, evolutionary and adaptive processes in shaping the environment. Three hours of lecture per week. Prerequisites: BIOL 122 and BIOL 132.

Prerequisite(s): (BIOL 112 and BIOL 132 and BIOL 111 and BIOL 131)**College/School:** Col of Science, Engr & Tech**Department:** Department of Biology**BIOL 343L Environmental Biol Lab (0 Credits)****College/School:** Col of Science, Engr & Tech**Department:** Department of Biology

BIOL 344 Vertebrate Anatomy and Hist (4 Credits)

Human Anatomy and Histology (4) Anatomy of organ systems of humans with an emphasis on histochemistry of normal tissues as well those affected by drugs (designed primarily for pharmacy students). Three hours of lecture hours of laboratory per week.

Prerequisite(s): (BIOL 111 and BIOL 112 and BIOL 131 and BIOL 132)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 344L Vert Anat & Hist Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 345 Ecology Laboratory (1 Credits)

Ecology Laboratory (1) This course is designed for both field and laboratory ecological studies. Three hours of laboratory per week.

Prerequisites: BIOL 122 and BIOL 132.

Prerequisite(s): (BIOL 112 and BIOL 132 and BIOL 111 and BIOL 131)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 347 Microbiology (4 Credits)

Microbiology (4) Taxonomy, structure, life cycles, physiology, biochemistry, and role in ecosystems of selected groups of microorganisms. Three hours of lecture and three hours of laboratory per week. **Prerequisites:** One year of college level biology and organic chemistry.

Prerequisite(s): (CHEM 232 and BIOL 131 and BIOL 112 and BIOL 132 and BIOL 111 and CHEM 231)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 347L Microbiology Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 348 Experiments in Biology II (4 Credits)

Experiments in Biology II (4) Key experiments in cell biology, biochemistry, cell physiology, and genetics. One hour of lecture and five hours of laboratory per week. **Prerequisite:** BIOL 248.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 349 Principles of Entomology (3 Credits)

Entomology (4) To study biology, anatomy, physiology, development, classification, ecology and relation of insects to human welfare. Three hours of laboratory per week. Co-requisite: BIOL 349L. **Prerequisites:** One year of college level biology.

Prerequisite(s): (BIOL 111 and BIOL 112 and BIOL 131 and BIOL 132)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 349L Principles of Entomology Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 401 Undergraduate Research (3 Credits)

Undergraduate Research (1) Designed to provide supervised experiences in the theoretical and experimental aspects of biological research to undergraduates. Three hours of laboratory per week. **Prerequisite:** Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 431 Radiation Biology (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 432 General Parasitology (4 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 432L Parasitology Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 433L Genetics Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 434 Evolutionary Biology (3 Credits)

Evolutionary Biology (3) This course will investigate the fundamental principles of evolution by natural selection, population genetics, historical reconstructions, and attempt to apply these principles to ecology, development, physiology, medicine, and sociobiology. Three hours of lecture per week. **Prerequisites:** BIOL 131 and BIOL 132.

Prerequisite(s): (BIOL 131 and BIOL 132 and BIOL 111 and BIOL 112)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 435 Hist & Philosophy of Science (3 Credits)

History & Philosophy of Science (3) A study of the history and philosophy of science, and, in particular, the history of the life sciences giving broader insight into the evolutionary process of how science was developed and what mechanisms operated. The course will examine characteristics, distinguishing scientific inquiry from other types of investigation; procedures scientists use in investigating nature; conditions to be satisfied for a scientific explanation to be correct; and the cognitive status of scientific laws and principles. Three hours of lecture per week. **Prerequisite:** Senior standing.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 438 Plant Biology (3 Credits)

Plant Biology (3) Plant structure and physiology; plant biotechnology; medicinal plants; and interactions between plants and their environment. Two hours of lecture and three hours of laboratory per week.

Prerequisites: BIOL 122 and BIOL 132.

Prerequisite(s): (BIOL 112 and BIOL 111 and BIOL 132 and BIOL 131)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 438L Plant Biol Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 439 Principles of Biology (3 Credits)

Principles of Biology (3) Comprehensive review of basic biological principles operating at various levels of organization in living systems. Two hours of lecture and two hours of laboratory per week. **Prerequisites:** BIOL 122 and BIOL 132.

Prerequisite(s): (BIOL 112 and BIOL 132 and BIOL 111 and BIOL 131)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 439L Principles of Biology Lab I (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 441 Histology (4 Credits)

Histology (4) Microscopic study of the anatomy and relevant functions of vertebrate tissues and organs using light microscopy and selected electron micrographs. Three hours of lecture and three hours of laboratory per week. Prerequisites: BIOL 241 or BIOL 243 or BIOL 341.

Prerequisite(s): (BIOL 241 or BIOL 243 or BIOL 341)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 441L Histology Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 442 Laboratory Mets in Biol Scic (4 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 442L Lab Methods Animal Biol Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 443 Molecular Biology (4 Credits)

Molecular Biology (4) Study of intracellular molecular processes. Three hours of lecture per week. Corequisite: BIOL 443L. Prerequisites: 2 years of college level biology and 2 years of college level chemistry; junior standing in Biology.

Prerequisite(s): (BIOL 111 and BIOL 112 and BIOL 131 and BIOL 132 and CHEM 111 and CHEM 112 and CHEM 131 and CHEM 132 and BIOL 211 and BIOL 212 and BIOL 231 and BIOL 232 and CHEM 211 and CHEM 212 and CHEM 231 and CHEM 232)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 443L Molecular Biol (0 Credits)

Molecular Biology Laboratory (0) Laboratory experiments and exercises to complement BIOL 443 Molecular Biology. Three hours of laboratory per week. Corequisite: BIOL 443. Prerequisites: 2 years of college level biology and 2 years of college level chemistry; junior standing in Biology.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 444 Mechanism of Development (4 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 446 Human Physiology Lab (1 Credits)

Human Physiology Laboratory (1) Laboratory experiments and exercises to complement BIOL 447 Human Physiology. Prerequisites: BIOL 122, BIOL 132 and one year of college chemistry.

Prerequisite(s): (BIOL 112 and BIOL 132)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 447 Human Physiology (3 Credits)

Human Physiology (3) Comprehensive treatment of the physiology, biochemistry and biophysics of organ systems in humans. Three hours of lecture per week. Prerequisites: BIOL 122, BIOL 132 and one year of college chemistry.

Prerequisite(s): (BIOL 112 and BIOL 132 and BIOL 111 and BIOL 131 and CHEM 231)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 447L Human Physiology (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 448 Cellular Physiology (3 Credits)

Molecular Physiology and Biophysics (3) Physiological, biochemical, and biophysical consideration of various cellular processes with special emphasis on molecular mechanisms in photosynthetic and respiratory reactions. Three hours of lecture per week. Prerequisites: Senior standing in Biology and/or one year of General Chemistry, one year of Organic Chemistry and one year of College Physics.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 448L Cellular Phys Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 449 General Physiology (3 Credits)

General Physiology (3) Comprehensive treatment of the functioning of the digestive, circulatory, neuromuscular, endocrine, and renal systems. Three (3) hours of lecture per week. (Prerequisite: Senior standing in biology)

Prerequisite(s): CHEM 112 and CHEM 132 and (BIOL 122 or BIOL 112) and BIOL 132

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 449L Gen Physiology Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 450 Molecular Genetics (3 Credits)

Molecular Genetics (3) In-depth study of the biochemistry and chemistry of genes including aspects of gene expression and that of biotechnology. Three hours of lecture per week. Prerequisite: Senior standing in Biology.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 450L Molecular Genetics Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 451 General Parasitology (4 Credits)

Parasitology (4) The study of parasites, their hosts, and the relationships between them as illustrated by the study of protozoans, helminths, nematodes and arthropods. Three hours of lecture and three hours of laboratory per week. Co-requisite: BIOL 451L. Prerequisites: One year of college level biology; BIOL 341.

Prerequisite(s): (BIOL 341 and BIOL 111 and BIOL 112 and BIOL 131 and BIOL 132)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 451L General Parasitology Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 452 Intermediary Cellular Metabol (3 Credits)

Intermediary and Cellular Metabolism (3) Quantitative bioenergetics; patterns of breakdown and synthesis of cellular metabolite; metabolic and hormonal regulations; integration and pathological disorders; and relevance of metabolism to medicine. Three hours of lecture per week. Prerequisite: BIOL 340.

Prerequisite(s): BIOL 340

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 454 Immunology (3 Credits)

Immunology (3) Comprehensive overview of the immune system and immunological mechanisms. Two hours of lecture and three hours of laboratory per week. Prerequisite: Senior standing in Biology.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 454L Immunology Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 460 Biostatistics (3 Credits)

Biostatistics (3) Evaluation of the significance of the results of biological experiments, observations, and clinical data through statistical analysis. Three hours of lecture per week. Prerequisites: BIOL 122, BIOL 132, and one year of college level mathematics.

Prerequisite(s): (BIOL 112 and BIOL 132 and MATH 133 and MATH 134 and MATH 136 and MATH 236)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 461 Environ Sampling & Analysis (3 Credits)

Environmental Sampling and Analysis (3) Sampling of water, air and other substances of ecological significance and their chemical and statistical analysis for suspected pollutants in Harris and other counties in Texas.

Prerequisites: Senior standing in Biology.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 499 Biology Seminar (1-4 Credits)

Biology Seminar (1) Consideration of various biological problems and recent research. Required of graduating seniors in Biology. One hour of lecture per week. Prerequisite: Senior standing in Biology. Students may enroll for a maximum of two semesters.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

2-Year Pre-Nursing

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p.)	33
	Pre-Nursing Curriculum (p.)	19
Total Hours		52

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
BIOL 135	Human Anat & Phys I	3
CHEM 131	Chemistry I	3

Creative Arts

Select one of the following:		3
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 131	Drawing & Composition I	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
ART 139	African-American Art & Culture	

American History

HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3

Government/Political Science

POLS 235	American Government	3
POLS 236	Texas Government	3

Institutional Options

COMM 136	PUBLIC ADDRESS	3
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Total Hours **33**

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

Pre-Nursing Curriculum

Code	Title	Hours
BIOL 136	Human Anat & Phys II	3
BIOL 136L	Hum Anat Phys Lab	1
BIOL 246	Microbiol Hlth Rel Professions	4
BIOL 135L	Human Anat Physiol Pre-Nur Lab	1
CHEM 111	Chemistry I Lab	1
PSY 233	Life SpanDevelopmental Psychology	3
PSY 234	Basic Statistics	3
SOCW 345	Human Behav Social Environ I	3
Total Hours		19

Note: It is the responsibility of the student to apply to the degree program of their choice. Completion of TSU's Pre-Nursing program does not guarantee acceptance to any institutions offering a Nursing degree. Some institutions may have additional requirements. The student is responsible for contacting the professional schools of their choice to determine the specific admission requirements.

The above courses satisfy the prerequisites for the Nursing Programs at Prairie View A&M University, University of Texas Medical Branch (UTMB) at Galveston and University of Texas at Houston.

Please note requirements for other schools' programs below:

- Texas Woman's University (TWU): Literature can be substituted for PHIL 231 Introduction To Philosophy.
- Houston Baptist University (HBU): Six hours of foreign language is required to satisfy the Humanities requirements (Spanish is recommended). FN 233 Elementary Nutrition is not required.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
BIOL 135	Human Anat & Phys I	3
BIOL 135L	Human Anat Physiol Pre-Nur Lab	1
MATH 133	College Algebra	3
Select one of the following:		3
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 131	Drawing & Composition I	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
ART 139	African-American Art & Culture	
COMM 136	PUBLIC ADDRESS	3
Hours		16
Second Semester		
ENG 132	Freshman English II	3
BIOL 136	Human Anat & Phys II	3
BIOL 136L	Hum Anat Phys Lab	1
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
PSY 233	Life SpanDevelopmental Psychology	3
Hours		14
Second Year		
Third Semester		
HIST 231	Soc & Pol Hist US to 1877	3
SOCW 345	Human Behav Social Environ I	3
POLS 235	American Government	3
BIOL 246	Microbiol Hlth Rel Professions	4
Hours		13
Fourth Semester		
HIST 232	Soc & Pol Hist US Since 1877	3
PSY 234	Basic Statistics	3
POLS 236	Texas Government	3
COMM 136	PUBLIC ADDRESS	3
Hours		12
Total Hours		55

Biology (Comprehensive Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 338)	42
	Major Requirements (p. 339)	50
	Other Requirements (p. 339)	25

Minor Requirements (p. 339)	21
Total Hours	138

(Total depends on Minor selected)

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
Language, Philosophy, and Culture		
ENG 2XX		3
Creative Arts		
Select one of the following:		3
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Institutional Options		
CS 116	Intro To Compr Science I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ In selecting Chemistry as a minor, Biology majors need only two additional courses: CHEM 322 Quan Analysis Lab (2 credits) and CHEM 332 Quan Analysis Lec (3 credits). For other minors selected, up to 21 credits may be needed if these minors do not have credits required in other categories for the Biology degree. These courses include: EDCI 310 Field Based I Perf Focus Tchng, EDCI 328 Field Based -II Perf Focus Tch, EDCI 339 Classrm Mngt, EDCI 350 Desgng & Implg Inst/Assessment, EDCI 464 DIR STU TCH HS, RDG 400 Con Are Rdg and RDG 402 Informal Diagnosis.

Major (Biology)

Code	Title	Hours
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
BIOL 131	Biological Science I	3
BIOL 132	Biological Science II	3
BIOL 211	Cell Biology Lab	1
BIOL 212	Developmental Biology Lab	1
BIOL 231	Cell Biology	3
BIOL 232	Developmental Biology	3
BIOL 338	Genetics	3
BIOL 340	Biochemistry of Biological Com	3
BIOL 341	Organismic Biology	4
BIOL 347	Microbiology	4
BIOL 401	Undergraduate Research	3
BIOL 443	Molecular Biology	4
BIOL 450	Molecular Genetics	3
BIOL 454	Immunology	3
BIOL 460	Biostatistics	3
BIOL 499	Biology Seminar	1
Three (3) Upper Level BIOL credits (see below)		3
Total Hours		50

Electives

Code	Title	Hours
BIOL 300	Seminar Hlth Related Profs	1
BIOL 332	Bioinformatics	3
BIOL 334	Conservation Biology	3
BIOL 343	Ecology	3
BIOL 344	Vertebrate Anatomy and Hist	4
BIOL 345	Ecology Laboratory	1
BIOL 348	Experiments in Biology II	4
BIOL 349	Principles of Entomology	3
BIOL 431	Radiation Biology	3
BIOL 434	Evolutionary Biology	3
BIOL 435	Hist & Philosophy of Science	3
BIOL 438	Plant Biology	3
BIOL 439	Principles of Biology	3
BIOL 441	Histology	4
BIOL 446	Human Physiology Lab	1
BIOL 447	Human Physiology	3
BIOL 448	Cellular Physiology	3
BIOL 451	General Parasitology	4
BIOL 452	Intermediary Cellular Metabol	3
BIOL 461	Environ Sampling & Analysis	3

Other Requirements

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
CHEM 211	Organic Chem I Lab	1

CHEM 212	Organic Chem II Lab	1
CHEM 231	Organic Chem I	3
CHEM 232	Organic Chem II	3
MATH 136	Precalculus Math	3
MATH 241	Calculus & Analytic Geomtry I	4
PHYS 213	College Phys Lab I	1
PHYS 214	College Phys Lab II	1
PHYS 237	College Physics I	3
PHYS 238	College Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1

Total Hours **26**

Minor Requirements

In selecting Chemistry as a minor, Biology majors need only two additional courses: CHEM 322 Quan Analysis Lab and CHEM 332 Quan Analysis Lec. For other minors selected, up to 21 credits may be needed if these minors do not have credits required in other categories for the Biology degree. These courses include:

Code	Title	Hours
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 339	Classrm Mnngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 464	DIR STU TCH HS	6
RDG 400	Con Are Rdg	3
RDG 402	Informal Diagnosis	3

Course	Title	Hours
First Year		
First Semester		
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
Hours		18

Second Semester		
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
ENG 132	Freshman English II	3
MATH 136	Precalculus Math	3
Select one of the following:		3

MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	

ART 139	African-American Art & Culture	
Hours		17
Second Year		
Third Semester		
BIOL 231	Cell Biology	3
BIOL 211	Cell Biology Lab	1
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
MATH 241	Calculus & Analytic Geomtry I	4
HIST 231	Soc & Pol Hist US to 1877	3
Hours		18
Fourth Semester		
BIOL 232	Developmental Biology	3
BIOL 212	Developmental Biology Lab	1
CHEM 232	Organic Chem II	3
CHEM 212	Organic Chem II Lab	1
CS 116	Intro To Compr Science I	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		14
Third Year		
Fifth Semester		
BIOL 338	Genetics	3
BIOL 340	Biochemistry of Biological Com	3
BIOL 341	Organismic Biology	4
PHYS 213	College Phys Lab I	1
PHYS 237	College Physics I	3
POLS 235	American Government	3
Hours		17
Sixth Semester		
BIOL 347	Microbiology	4
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
POLS 236	Texas Government	3
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Hours		14
Fourth Year		
Seventh Semester		
BIOL 443	Molecular Biology	4
BIOL 460	Biostatistics	3
BIOL 499	Biology Seminar	1
CHEM 322	Quan Analysis Lab (or Free Elective)	2
CHEM 332	Quan Analysis Lec (or Free Elective)	3
Hours		13

Eighth Semester

BIOL 450	Molecular Genetics	3
BIOL 454	Immunology	3
BIOL Elective		3
BIOL 401	Undergraduate Research (Capstone Course)	3
Hours		12
Total Hours		123

Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

(N) represents the number of course credits.

In selecting Chemistry as a minor, Biology majors need only two additional courses: CHEM 322 Quan Analysis Lab (2 credits) and CHEM 332 Quan Analysis Lec (3 credits).

Biology (Geographic Information Systems Certificate), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 340)		42
Major Requirements (p. 341)		50
Other Requirements (p. 341)		25
Minor (p. 341)		21
Total Hours		138

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
Language, Philosophy, and Culture		
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
Creative Arts		
Select one of the following:		3
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	

ART 135	Topics in Contemp Art & Cultur	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Institutional Options		
CS 116	Intro To Compr Science I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ In selecting Chemistry as a minor, Biology majors need only two additional courses: CHEM 322 Quan Analysis Lab (2 credits) and CHEM 332 Quan Analysis Lec (3 credits). For other minors selected, up to 21 credits may be needed if these minors do not have credits required in other categories for the Biology degree.

Major (Biology)

Code	Title	Hours
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
BIOL 131	Biological Science I	3
BIOL 132	Biological Science II	3
BIOL 211	Cell Biology Lab	1
BIOL 212	Developmental Biology Lab	1
BIOL 231	Cell Biology	3
BIOL 232	Developmental Biology	3
BIOL 338	Genetics	3
BIOL 340	Biochemistry of Biological Com	3
BIOL 341	Organismic Biology	4
BIOL 347	Microbiology	4
BIOL 401	Undergraduate Research	3
BIOL 441	Histology	4
BIOL 443	Molecular Biology	4
BIOL 447	Human Physiology	3
BIOL 454	Immunology	3
BIOL 460	Biostatistics	3
Three (3) Upper Level BIOL credits (see below)		3
Total Hours		53

Electives

Code	Title	Hours
BIOL 300	Seminar Hlth Related Profs	1
BIOL 332	Bioinformatics	3
BIOL 334	Conservation Biology	3
BIOL 343	Ecology	3
BIOL 344	Vertebrate Anatomy and Hist	4
BIOL 345	Ecology Laboratory	1
BIOL 431	Radiation Biology	3
BIOL 461	Environ Sampling & Analysis	3
BIOL 434	Evolutionary Biology	3
BIOL 435	Hist & Philosophy of Science	3
BIOL 438	Plant Biology	3
BIOL 439	Principles of Biology	3
BIOL 441	Histology	4
BIOL 446	Human Physiology Lab	1
BIOL 447	Human Physiology	3
BIOL 448	Cellular Physiology	3
BIOL 451	General Parasitology	4
BIOL 452	Intermediary Cellular Metabol	3

Other Requirements

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
CHEM 211	Organic Chem I Lab	1
CHEM 212	Organic Chem II Lab	1
CHEM 231	Organic Chem I	3
CHEM 232	Organic Chem II	3
MATH 136	Precalculus Math	3
MATH 241	Calculus & Analytic Geomtry I	4
PHYS 213	College Phys Lab I	1
PHYS 214	College Phys Lab II	1
PHYS 237	College Physics I	3
PHYS 238	College Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1
GIS Cert Courses		
ES 441	Principles and Applications of Geographical Information Systems (GIS)	3
ES 442	Geospatial Ecology	3
ES 443	Remote Sensing and Image Interpretation	3
Total Hours		35

Minor Concentration

Code	Title	Hours
21 credits are required for the Minor Concentration		21
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
BIOL 131	Biological Science I	3

BIOL 111	Biological Science Lab I	1
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
Hours		18

Second Semester

BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
ENG 132	Freshman English II	3
MATH 136	Precalculus Math	3
Select one of the following:		3
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
ART 139	African-American Art & Culture	
Hours		17

Second Year**Third Semester**

BIOL 231	Cell Biology	3
BIOL 211	Cell Biology Lab	1
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
MATH 241	Calculus & Analytic Geomtry I	4
HIST 231	Soc & Pol Hist US to 1877	3
Hours		18

Fourth Semester

BIOL 232	Developmental Biology	3
BIOL 212	Developmental Biology Lab	1
CHEM 232	Organic Chem II	3
CHEM 212	Organic Chem II Lab	1
CS 116	Intro To Compr Science I	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		14

Third Year**Fifth Semester**

BIOL 338	Genetics	3
BIOL 340	Biochemistry of Biological Com	3
BIOL 341	Organismic Biology	4
PHYS 213	College Phys Lab I	1

PHYS 237	College Physics I	3
POLS 235	American Government	3

Hours **17****Sixth Semester**

BIOL 347	Microbiology	4
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
POLS 236	Texas Government	3
Select one of the following:		3

PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
ES 441	Principles and Applications of Geographical Information Systems (GIS)	3

Hours **17****Fourth Year****Seventh Semester**

BIOL 443	Molecular Biology	4
BIOL 460	Biostatistics	3
ES 442	Geospatial Ecology	3
BIOL Electives		3

Hours **13****Eighth Semester**

BIOL 450	Molecular Genetics	3
BIOL 454	Immunology	3
BIOL 401	Undergraduate Research	3
ES 443	Remote Sensing and Image Interpretation	3

Hours **12****Total Hours** **126**

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ *** In selecting Chemistry as a minor, Biology majors need only two additional courses: **CHEM 322 (2 credits)** and **CHEM 332 (3 credits)**. For other minors selected, up to 21 credits may be needed if these minors do not have credits required in other categories for the Biology degree.

Biology (Pre-Health Professional Concentration), Bachelor of Science

(depends on Minor selected)

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 343)	42
	Major Requirements (p. 343)	50
	Other Requirements (p. 343)	25

Minor Concentration (p.)	21
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Total Hours	138
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General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
Language, Philosophy, and Culture		
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
Creative Arts		
Select one of the following:		3
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	
Institutional Options		
CS 116	Intro To Compr Science I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ In selecting Chemistry as a minor, Biology majors need only two additional courses: CHEM 322 Quan Analysis Lab (2 credits) and CHEM 332 Quan Analysis Lec (3 credits). For other minors selected, up to 21 credits may be needed if these minors do not have credits required in other categories for the Biology degree.

Major (Biology)

Code	Title	Hours
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
BIOL 131	Biological Science I	3
BIOL 132	Biological Science II	3
BIOL 211	Cell Biology Lab	1
BIOL 212	Developmental Biology Lab	1
BIOL 231	Cell Biology	3
BIOL 232	Developmental Biology	3
BIOL 338	Genetics	3
BIOL 340	Biochemistry of Biological Com	3
BIOL 341	Organismic Biology	4
BIOL 347	Microbiology	4
BIOL 401	Undergraduate Research	3
BIOL 441	Histology	4
BIOL 443	Molecular Biology	4
BIOL 447	Human Physiology	3
BIOL 454	Immunology	3
BIOL 460	Biostatistics	3
Total Hours		50

Other Requirements

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
CHEM 211	Organic Chem I Lab	1
CHEM 212	Organic Chem II Lab	1
CHEM 231	Organic Chem I	3
CHEM 232	Organic Chem II	3
MATH 136	Precalculus Math	3
MATH 241	Calculus & Analytic Geomtry I	4
PHYS 213	College Phys Lab I	1
PHYS 214	College Phys Lab II	1
PHYS 237	College Physics I	3
PHYS 238	College Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1
Select one of the following:		5
CHEM 322	Quan Analysis Lab	
& CHEM 332	and Quan Analysis Lec	
5 credit hours of Free electives		
Total Hours		31

Minor Concentration

Code	Title	Hours
Contact Department of choice after being admitted as a Biology Major.	^{1,2}	21
Total Hours		21

¹ Chemistry is highly recommended as a minor for Biology majors.

² In selecting Chemistry as a minor, Biology majors need only two additional courses: CHEM 322 Quan Analysis Lab (**2 credits**) and CHEM 332 Quan Analysis Lec (**3 credits**). For other minors selected, up to 21 credits may be needed if these minors do not have credits required in other categories for the Biology degree.

Course	Title	Hours
First Year		
First Semester		
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
FS 102	Freshman Seminar/ first Year Experience	1
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
Hours		18
Second Semester		
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
ENG 132	Freshman English II	3
MATH 136	Precalculus Math	3
Select one of the following:		3
MUSI 239	Fine Arts In Daily Living	
THEA 130	Introduction to Theatre	
ART 135	Topics in Contemp Art & Cultur	
ART 137	Intro African Art	
ART 139	African-American Art & Culture	
Hours		17
Second Year		
Third Semester		
BIOL 231	Cell Biology	3
BIOL 211	Cell Biology Lab	1
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 235	American Literature	
ENG 244	African-American Literature	
MATH 241	Calculus & Analytic Geomtry I	4
HIST 231	Soc & Pol Hist US to 1877	3
Hours		18
Fourth Semester		
BIOL 232	Developmental Biology	3
BIOL 212	Developmental Biology Lab	1
CHEM 232	Organic Chem II	3

CHEM 212	Organic Chem II Lab	1
CS 116	Intro To Compr Science I	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		14

Third Year**Fifth Semester**

BIOL 338	Genetics	3
BIOL 340	Biochemistry of Biological Com	3
BIOL 341	Organismic Biology	4
PHYS 213	College Phys Lab I	1
PHYS 237	College Physics I	3
POLS 235	American Government	3

Hours **17**

Sixth Semester

BIOL 347	Microbiology	4
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
POLS 236	Texas Government	3

Select one of the following: 3

PSY 131	General Psychology	
SOC 157	Introduction To Sociology	
SOC 158	Contemporary Social Issues	

Hours **14**

Fourth Year**Seventh Semester**

BIOL 443	Molecular Biology	4
BIOL 460	Biostatistics	3
CHEM 322	Quan Analysis Lab (or Free Elective)	2
CHEM 332	Quan Analysis Lec (or Free Elective)	3

Hours **12**

Eighth Semester

"BIOL 401	Undergraduate Research"	3
BIOL 441	Histology	4
BIOL 447	Human Physiology	3
BIOL 454	Immunology	3

Hours **13**

Total Hours **123**

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

- (N) represents the number of course credits.
- In selecting Chemistry as a minor, Biology majors need only two additional courses: CHEM 322 Quan Analysis Lab (2 credits) and CHEM 332 Quan Analysis Lec (3 credits).

Biology Minor

21 semester credit hours are required through enrollment in the following courses:

Code	Title	Hours
Requirements ¹		
BIOL 131	Biological Science I ²	3

BIOL 132	Biological Science II ²	3
BIOL 231	Cell Biology	3
BIOL 232	Developmental Biology	3
Nine (9) additional 300-level or 400-level BIOL credits		9
Total Hours		21

¹ In conjunction with these 21 credits, at least one year of college chemistry must be completed along with MATH 133 College Algebra and MATH 134 Plane Trigonometry or MATH 136 Precalculus Math.

² Although students are required to take BIOL 111 Biological Science Lab I (1 s.h.) and BIOL 112 Biological Science Lab II (1 s.h.) as co-requisites with BIOL 131 Biological Science I and BIOL 132 Biological Science II, respectively, these 2 credits are not counted toward the completion of the minor in Biology.

Grades of "C" or better, where grades of "C-" are unacceptable, must be earned in all courses needed to satisfy the minor.

Department of Chemistry

Undergraduate Degree(s):

- Bachelor of Science in Chemistry (American Chemical Society (ACS) Approved Concentration) (p. 348)
- Bachelor of Science in Chemistry (Pre-Medical & Pre-Dental Concentration) (p. 350)

Minor(s):

- Chemistry (p. 352)

Graduate Degree(s):

- Master of Science in Chemistry (p. 608)

Through the Department of Chemistry, courses (CHEM) are offered at the undergraduate level for students pursuing the Bachelor of Science Degree (B.S.) in Chemistry, for students majoring in other disciplines wishing to pursue a minor in Chemistry, and for students in other academic areas requiring some preparation in Chemistry. Although only one undergraduate degree (the Bachelor of Science in Chemistry) is offered, two concentrations leading to this degree are possible for majors: (1) an American Chemical Society (ACS) approved concentration and (2) a pre-medical and a pre-dental concentration. Both concentrations are composite programs of study, and neither concentration requires the declaration of an official minor in another academic discipline. The ACS approved concentration is designed to prepare students for professional careers as chemists and to ensure their preparation for graduate study. Members of the Department are housed on the fourth floor of the New Science Building with the Department Office located in Suite 403.

At the graduate level, one degree is offered: the Master of Science (M.S.) in Chemistry. The admission criteria, requirements, and graduate courses associated with this degree are described in the Graduate School Bulletin of Texas Southern University.

Overall, the Department of Chemistry seeks to fulfill two primary missions: (1) to prepare students for professional careers in Chemistry and, eventually, graduate study; and (2) to give students, who are majoring in related fields, an understanding of fundamental principles and experimental techniques that will permit them to be successful in their

chosen majors. Specific requirements for the B.S. in Chemistry, as well as the minor in Chemistry, are described below.

Students wishing to pursue either the B.S. in Chemistry or an undergraduate minor in Chemistry must first gain admission to the University, must satisfy The New TSI Assessment requirements or equivalent and eradicate identified deficiencies, and must contact the Department Office regarding the declaration of a major or minor as The New TSI Assessment requirements or equivalent are fulfilled. Although the Department has no specific criteria for accepting students as majors, it does have criteria for continuance once the major in Chemistry is declared. In order to remain as a candidate in good standing for the Bachelor of Science in Chemistry, a student must have an overall GPA of at least 2.50 with respect to courses taken in the following academic disciplines: Chemistry, Mathematics, and Physics. Students whose overall averages in these academic disciplines fall below 2.50 for two consecutive semesters and students whose fail individual courses in these targeted areas more than once will be required to seek another major.

All required Chemistry (CHEM) courses must be completed with grades of "C" or better, where grades of "C-" are unacceptable, to qualify for graduation. All Chemistry majors are required to pass the Major Field test prior to conferral of their degree. It is recommended that all enrolled Chemistry majors to take the Major Field test during the spring semester of the junior year. The test date will be announced during the first week of the spring semester. Students who do not pass the Major Field test may take a remedial course CHEM 480 Selected Topics in Chemistry . NOTE: if a student fails the Major Field test and takes CHEM 480 Selected Topics in Chemistry, these credits will not be applicable to the total chemistry hours required for the student's specific curriculum.

For a minor in Chemistry, click here (p. 352).

Each major in the Department is assigned a faculty advisor, and this advisor must approve the schedule of courses for assigned students each semester. Major are expected to keep the Department Office informed of their current local addresses and telephone numbers up to the time of graduation. By the start of the first semester of their senior year, majors should have their transcripts evaluated by the Faculty Chair to ascertain graduation status and to assure that they are eligible for degree conferral at the end of the senior year.

In summary, interested students must first gain admission to the University, must fulfill The New TSI Assessment requirements or equivalent, and must contact the Department Office with regard to the declaration of a major and/or minor and graduation requirements. An exit examination is required of graduating seniors. For further information, the Department Office should be contacted at (713) 313-7003.

- Chemistry (American Chemical Society (ACS) Approved Concentration), Bachelor of Science (p. 348)
- Chemistry (Pre-Medical & Pre-Dental Concentration), Bachelor of Science (p. 350)
- Chemistry Minor (p. 352)

Chemistry

CHEM 111 Chemistry I Lab (1 Credits)

General Chemistry Laboratory I (1) Introduction to the methods and techniques of chemical experimentation. Three hours of laboratory per week. Prerequisite: Credit for or concurrent enrollment in CHEM 131.

Listed as CHEM 1111 in the Texas Common Course Numbering System.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 112 Chemistry II Lab (1 Credits)

General Chemistry Laboratory II (1) Continuation of CHEM 111. Three hours of laboratory per week. Prerequisites: CHEM 111 and credit for or concurrent enrollment in CHEM 132. Listed as CHEM 1112 in the Texas Common Course Numbering System.

Prerequisite(s): CHEM 111

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 131 Chemistry I (3 Credits)

General Chemistry I (3) Introduction to modern theories of atomic structure, periodic trends, chemical bonding, molecular geometry, chemical reactions, including oxidation-reduction and stoichiometric calculations. Three hours of lecture per week. Corequisite: MATH 133. Listed as CHEM 1311 in the Texas Common Course Numbering System.

Prerequisite(s): (MATH 133 (may be taken concurrently)) or (MATH 136 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 132 Chemistry II (3 Credits)

General Chemistry II (3) Study of the states of matter, solution chemistry, concepts associated with rates of reaction, homogeneous and heterogeneous equilibria, acid-base chemistry, and fundamental thermodynamics. Three hours of lecture per week. Prerequisites: CHEM 131 and MATH 133. Listed as CHEM 1312 in the Texas Common Course Numbering System.

Prerequisite(s): CHEM 131 and MATH 133

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 143 Inorganic Chemistry (4 Credits)

Inorganic Chemistry (4) Course for pre-nursing, human services/consumer sciences, and technology majors. Important topics: atomic structure, periodic classification of the elements, acid-base theory, oxidation, and reduction. Three hours of lecture and two hours of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 143L Inorganic Chemistry Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 144 Organic Chemistry (4 Credits)

Organic Chemistry (4) Survey course for pre-nursing and human services/consumer sciences majors. Study of the structure, physical properties, and reactions of alcohols, aldehydes, ketones, esters, amides, and amines. Three hours of lecture and two hours of laboratory per week. Prerequisite: CHEM 143 or CHEM 131.

Prerequisite(s): (CHEM 143 or CHEM 131)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 211 Organic Chem I Lab (1 Credits)

Organic Chemistry Laboratory I (1) Introduction to the techniques involved in the separation, purification, isolation, and characterization of typical organic compounds. An introduction to organic synthesis. Three hours of laboratory per week. Prerequisites: CHEM 111, CHEM 112, and credit for or concurrent enrollment in CHEM 231. Listed as CHEM 2123 in the Texas Common Course Numbering System.

Prerequisite(s): CHEM 112 and CHEM 111

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 212 Organic Chem II Lab (1 Credits)

Organic Chemistry Laboratory II (1) Multistep synthesis and introduction to the interpretation of infrared and nuclear magnetic resonance spectra. Three hours of laboratory per week. Prerequisites: CHEM 211 and credit for or concurrent enrollment in CHEM 232. Listed as CHEM 2125 in the Texas Common Course Numbering System.

Prerequisite(s): CHEM 211 and CHEM 111 and CHEM 112

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 231 Organic Chem I (3 Credits)

Organic Chemistry I (3) Course for science majors dealing with the fundamentals of structure (including stereochemistry), nomenclature, physical properties, and chemical reactions of aliphatic and aromatic hydrocarbons and their derivatives. Three hours of lecture per week. Prerequisite: CHEM 132. Listed as CHEM 2323 in the Texas Common Course Numbering System.

Prerequisite(s): CHEM 132

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 232 Organic Chem II (3 Credits)

Organic Chemistry II (3) Continuation of CHEM 231. Study of the structure (including stereochemistry), nomenclature, physical properties, and chemical reactions for alcohols, aldehydes, ketones, carboxylic acids and their derivatives, phenols and amines. Three hours of lecture per week. Prerequisite: CHEM 231. Listed as CHEM 2325 in the Texas Common Course Numbering System.

Prerequisite(s): CHEM 231

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 322 Quan Analysis Lab (2 Credits)

Quantitative Analysis Laboratory (2) Practical application of theory dealing with volumetric and gravimetric analysis. Four hours of laboratory per week. Prerequisites: CHEM 111, CHEM 112, and credit for or concurrent enrollment in CHEM 332.

Prerequisite(s): CHEM 112 and CHEM 111

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 332 Quan Analysis Lec (3 Credits)

Quantitative Analysis (3) Study of reactions in solution, homogeneous and heterogeneous equilibrium concepts, and acid-base theory and the application of these concepts to volumetric and gravimetric analysis. Three hours of lecture per week. Prerequisite: CHEM 132.

Prerequisite(s): CHEM 132

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 343 Biochemistry (3 Credits)

Biochemistry (4) Course for human services/consumer sciences majors. Study of the chemistry of carbohydrates, proteins, lipids, digestion, and metabolism. Three hours of lecture and three hours of laboratory per week. Prerequisite: CHEM 144 or CHEM 231.

Prerequisite(s): CHEM 144 or CHEM 231

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 343L Biochemistry Lab (1 Credits)

Prerequisite(s): (CHEM 144)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 350 Forensic Chemistry I (3 Credits)

Focus on statistical od data. Advanced analytical methods will e discussed in -depth, including microscopy, spectroscopy, mass spectrometry, elemental analysis, chromatography, micro-spectrophotometry and electrophoresis. 3 hours per week.

Prerequisite(s): (CHEM 212 and CHEM 232 and CHEM 322 and CHEM 332)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 411 Physical Chem I Lab (1 Credits)

Physical Chemistry Laboratory I (1) Course involving application of the theory of physical chemistry to experimental procedures. An introduction of the use of computers to solve chemistry problems and to write laboratory reports. Three hours of laboratory per week. Prerequisites: CS 116, CHEM 322, and credit for or concurrent enrollment in CS 117, CHEM 431, and MATH 241.

Prerequisite(s): (CS 116 and CHEM 322 and CS 117 (may be taken concurrently) and CHEM 431 (may be taken concurrently) and MATH 241 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 412 Physical Chem II Lab (1 Credits)

Physical Chemistry Laboratory II (1) Continuation of CHEM 411. Three hours of laboratory per week. Prerequisites: CS 117, CHEM 411, and credit for or concurrent enrollment in CHEM 432.

Prerequisite(s): CS 117 (may be taken concurrently) and CHEM 411 and CHEM 432 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 431 Physical Chem I (3 Credits)

Physical Chemistry I (3) Study of important theory associated with states of matter, changes of state, chemical equilibria, thermochemistry, and thermodynamics. An introduction to vibration and rotational spectra. Three hours of lecture per week. Prerequisites: CHEM 232, CHEM 332, PHYS 238, and previous credit for or concurrent enrollment in MATH 241.

Prerequisite(s): (CHEM 232 and CHEM 332 and PHYS 238 and MATH 241 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 432 Physical Chem II (3 Credits)

Physical Chemistry II (3) Continuation of CHEM 431. Three hours of lecture per week. Prerequisites: CHEM 431 and previous credit for or concurrent enrollment in MATH 242.

Prerequisite(s): (CHEM 431 and MATH 242 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 445 Biochemistry (3 Credits)

Biochemistry (4) Structure, physical properties, and chemical reactions of lipids, proteins, enzymes, and vitamins. An in-depth study of the processes of digestion and metabolism. Two hours of lecture and four hours of laboratory per week. Prerequisites: CHEM 212 and CHEM 232.

Prerequisite(s): (CHEM 232 and CHEM 212 and CHEM 231 and CHEM 211)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 445L Biochem Lab (1 Credits)

Prerequisite(s): (CHEM 231 and CHEM 211 and CHEM 232 and CHEM 212)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 450 Inorganic Chemistry (3 Credits)

Inorganic Chemistry I (3) Upper-level course covering an in-depth study of inorganic compounds, including coordination theory, molecular-orbital theory, and ligand-field theory. Three hours of lecture per week. Prerequisites: MATH 242 and credit for or concurrent enrollment in CHEM 431 or consent of the Faculty Chair.

Prerequisite(s): (MATH 242 and CHEM 431 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 450L Inorganic Chem Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 451 Inorganic Chemistry (3 Credits)

Inorganic Chemistry II (3) Upper-level course covering an in-depth study of the chemical elements and their compounds, including their structure, physical properties, methods of preparation, chemical reactions, and uses. Two hours of lecture and three hours of laboratory per week.

Prerequisite: CHEM 450 or approval of the Faculty Chair.

Prerequisite(s): (CHEM 450)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 451L Inorganic Chem Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 453 Instrumental Analysis (3 Credits)

Instrumental Methods (3) Essentials of instrumental chemical analysis. Two hours of lecture and four hours of laboratory per week. Prerequisites: CHEM 322, CHEM 332, credit for or concurrent enrollment in CHEM 411, and CHEM 431.

Prerequisite(s): CHEM 332 and CHEM 322 and CHEM 411 (may be taken concurrently) and CHEM 431

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 453L Instrumental Analysis Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 454 Research (3 Credits)

Research (3) Upper-level chemistry majors select a problem for investigation in one or a combination of several areas of chemistry under the supervision of a member of the faculty designated by the Faculty Chair of the Department. Prerequisites: CHEM 132, CHEM 232, CHEM 332, CHEM 432, or approval of the Faculty Chair.

Prerequisite(s): (CHEM 232 and CHEM 332 and CHEM 432)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 476 Organic Mechanisms (3 Credits)

Organic Mechanisms (3) Study of the reaction intermediates and the mechanisms associated with the important, in vitro substitution, elimination, and addition reactions of aliphatic and aromatic molecules.

Three hours of lecture per week. Prerequisite: CHEM 232. Offered as needed.

Prerequisite(s): (CHEM 232)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 477 Environmental Chem (3 Credits)

Environmental Chemistry (3) Principles of air, water, and soil chemistry. The fate and assessment of toxicants, pesticides, and water pollutants, including phytotoxins, mycotoxins, and heavy metals. Three hours of lecture per week. Prerequisite: CHEM 232. Offered as needed.

Prerequisite(s): CHEM 232

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 478 Polymer Chemistry (3 Credits)

Polymer Chemistry (3) This course focuses on the fundamental knowledge of polymer chemistry, especially chemical synthesis, macromolecular behaviors, physical properties and characterizations of polymeric systems. Prerequisite: CHEM 231 and CHEM 232.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 478L Polymer Chemistry Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 479 Biological Inorganic Chemistry (3 Credits)

Biological Inorganic Chemistry (3) Senior level course with topics in metal ions and proteins, transport and storage of metal ions and electron transfer in biological system. Prerequisite: CHEM 231, CHEM 232 and CHEM 445.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 479L Biol Inorganic Chem Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 480 Selected Topics in Chemistry (1 Credits)

This course reviews selected topics in undergraduate chemistry education. Topics to be reviewed include important concepts and principles in general chemistry, analytical chemistry, and organic chemistry. Instrumentations for chemical analysis and characterization will also be discussed. 1 credit hour per week.

Prerequisite(s): CHEM 212 and CHEM 232 and CHEM 322 and CHEM 332

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 499 Seminar (1 Credits)

Seminar (1) Attendance and participation in weekly seminars required.

Recent research developments in a wide variety of fields discussed.

Students must give at least one seminar during the semester(s) that they are enrolled. May be repeated for credit to four (4) credits maximum.

Prerequisite: Consent of the Faculty Chair.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

Chemistry (American Chemical Society (ACS) Approved Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 348)	42
	Major Requirements (p. 349)	40
	Other Requirements (p. 349)	40
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 136	Precalculus Math	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
	Creative Arts Course ⁴	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
	or SOC 157 Introduction To Sociology	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	

CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCB: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

Major (Chemistry)

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1
CHEM 232	Organic Chem II	3
CHEM 212	Organic Chem II Lab	1
CHEM 332	Quan Analysis Lec	3
CHEM 322	Quan Analysis Lab	2
CHEM 431	Physical Chem I	3
CHEM 411	Physical Chem I Lab	1
CHEM 432	Physical Chem II	3
CHEM 412	Physical Chem II Lab	1
CHEM 445	Biochemistry	3
CHEM 450	Inorganic Chemistry	3
CHEM 451	Inorganic Chemistry	3
CHEM 453	Instrumental Analysis	3
CHEM 454	Research	3
CHEM 499	Seminar	1
Total Hours		39

Other Requirements

Code	Title	Hours
BIOL 111	Biological Science Lab I	1
BIOL 112	Biological Science Lab II	1
BIOL 131	Biological Science I	3
BIOL 132	Biological Science II	3
CHEM 4XX		3
CS 117	Intro To Comp Science II	3
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
MATH 243	Calculus & Analytic Geo III	4
MATH 251	Differential Equations	3
PHYS 251	University Physics I	3
PHYS 217	University Physics Laboratory I	1
PHYS 252	University Physics II	3
PHYS 218	University Physics Laboratory II	1
Elective		2

FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		40

Course	Title	Hours
First Year		
First Semester		
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
ENG 131	Freshman English I	3
MATH 136	Precalculus Math	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		15

Second Semester		
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
ENG 132	Freshman English II	3
MATH 241	Calculus & Analytic Geomtry I	4
Hours		15

Second Year		
Third Semester		
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1
ENG 2XX		3
MATH 242	Calculus&Analytic Geometry II	4
CS 116	Intro To Compr Science I	3
HIST 231	Soc & Pol Hist US to 1877	3
Hours		17

Fourth Semester		
CHEM 232	Organic Chem II	3
CHEM 212	Organic Chem II Lab	1
MATH 243	Calculus & Analytic Geo III	4
CS 117	Intro To Comp Science II	3
HIST 232	Soc & Pol Hist US Since 1877	3
Elective		2
Hours		16

Third Year		
Fifth Semester		
CHEM 332	Quan Analysis Lec	3
CHEM 322	Quan Analysis Lab	2
MATH 251	Differential Equations	3
POLS 235	American Government	3
PHYS 251	University Physics I	3
PHYS 217	University Physics Laboratory I	1
Hours		15

Sixth Semester		
CHEM 445	Biochemistry	3
POLS 236	Texas Government	3
PHYS 252	University Physics II	3

PHYS 218	University Physics Laboratory II	1
PSY 131	General Psychology	3
or SOC 157	or Introduction To Sociology	
Creative Arts Course ¹		3
Hours		16
Fourth Year		
Seventh Semester		
CHEM 431	Physical Chem I	3
CHEM 411	Physical Chem I Lab	1
CHEM 450	Inorganic Chemistry	3
CHEM 454	Research	3
CHEM 499	Seminar	1
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
Hours		14
Eighth Semester		
CHEM 432	Physical Chem II	3
CHEM 412	Physical Chem II Lab	1
CHEM 451	Inorganic Chemistry	3
CHEM 453	Instrumental Analysis	3
CHEM 4XX		3
Hours		13
Total Hours		121

¹ MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCB: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

Chemistry (Pre-Medical & Pre-Dental Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 350)		42
Major Requirements (p. 350)		37
Other Requirements (p. 351)		43
Total Hours		122

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 136	Precalculus Math	3
Life and Physical Sciences		

CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
Creative Arts Course ⁴		3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
or SOC 157	Introduction To Sociology	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

⁴ MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCB: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

Major (Chemistry)

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1
CHEM 232	Organic Chem II	3
CHEM 212	Organic Chem II Lab	1
CHEM 332	Quan Analysis Lec	3
CHEM 322	Quan Analysis Lab	2
CHEM 431	Physical Chem I	3
CHEM 411	Physical Chem I Lab	1
CHEM 432	Physical Chem II	3
CHEM 412	Physical Chem II Lab	1
CHEM 445	Biochemistry	3
CHEM 450	Inorganic Chemistry	3
CHEM 451	Inorganic Chemistry	3
CHEM 453	Instrumental Analysis	3
CHEM 499	Seminar	1
Total Hours		36

Other Requirements

Code	Title	Hours
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
BIOL 231	Cell Biology	3
BIOL 211	Cell Biology Lab	1
BIOL 245	Human Anatomy & Physiology	4
BIOL 460	Biostatistics	3
or MATH 231	Elementary Statistics	
CS 117	Intro To Comp Science II	3
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
PHYS 238	College Physics II	3
PHYS 214	College Phys Lab II	1
Elective		3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		42

Course	Title	Hours
First Year		
First Semester		
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
ENG 131	Freshman English I ¹	3
MATH 136	Precalculus Math ¹	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		15

Second Semester		
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
ENG 132	Freshman English II	3
MATH 241	Calculus & Analytic Geomtry I	4
Hours		15

Second Year		
Third Semester		
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1
ENG 2XX	Upper Level English	3
MATH 242	Calculus&Analytic Geometry II	4
CS 116	Intro To Compr Science I	3
HIST 231	Soc & Pol Hist US to 1877	3
Hours		17

Fourth Semester		
CHEM 232	Organic Chem II	3

CHEM 212	Organic Chem II Lab	1
CS 117	Intro To Comp Science II	3
HIST 232	Soc & Pol Hist US Since 1877	3
Creative Art Course ²		3
Hours		13

Third Year		
Fifth Semester		
CHEM 332	Quan Analysis Lec	3
CHEM 322	Quan Analysis Lab	2
POLS 235	American Government	3
PHYS 213	College Phys Lab I	1
PHYS 237	College Physics I	3
PSY 131	General Psychology ³	3
or SOC 157	or Introduction To Sociology	
Hours		15

Sixth Semester		
CHEM 445	Biochemistry	3
POLS 236	Texas Government	3
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
BIOL 211	Cell Biology Lab	1
BIOL 231	Cell Biology	3
CHEM 499	Seminar	1
Hours		15

Fourth Year		
Seventh Semester		
CHEM 431	Physical Chem I	3
CHEM 411	Physical Chem I Lab	1
CHEM 450	Inorganic Chemistry	3
BIOL 460	Biostatistics	3
or MATH 231	or Elementary Statistics	
Elective		3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
Hours		16

Eighth Semester		
CHEM 432	Physical Chem II	3
CHEM 412	Physical Chem II Lab	1
CHEM 451	Inorganic Chemistry	3
CHEM 453	Instrumental Analysis	3
BIOL 245	Human Anatomy & Physiology	4
Hours		14

Total Hours		120
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¹ Pending acceptable scores on English and Math Placement Exams.

² MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, or ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323)

³ PSY 131 General Psychology, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology, ECON 231 Principles Of Economics I or ECON 232 Principles Of Economics II.

Chemistry Minor

Twenty-one (21) semester credit hours are required through enrollment in the following courses:

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
CHEM 131	Chemistry I	3
CHEM 132	Chemistry II	3
CHEM 211	Organic Chem I Lab	1
CHEM 212	Organic Chem II Lab	1
CHEM 231	Organic Chem I	3
CHEM 232	Organic Chem II	3
CHEM 322	Quan Analysis Lab	2
CHEM 332	Quan Analysis Lec	3
Total Hours		21

Students are required to earn grades of "C or better, where grades of "C-"are unacceptable, in all of these courses.

Department of Computer Science

Undergraduate Degree(s):

- Bachelor of Arts and Master of Science Accelerated 4+1 Computer Science (General CS Concentration) (p. 358)
- Bachelor of Science in Computer Science (Computer Networks Concentration) (p. 359)
- Bachelor of Science in Computer Science (General CS Concentration) (p. 361)

Minor(s):

- Computer Science (p. 362)

Graduate Degree(s):

- Master of Science in Computer Science Plan A. (Thesis Option) (p. 611)
- Master of Science in Computer Science Plan B. (Non-Thesis option) (p. 612)

The Department of Computer Science (<http://cs.tsu.edu>) prepares students for careers in the computing industries and advanced study. The curriculum ensures that students are exposed to the most current knowledge, theories, and principles in software development, embedded systems, hardware architectures, and network theory and applications. The curriculum provides for an understanding of the applications of theories and concepts by involving the students in research and applications development projects. The curriculum is designed to enhance the problem solving and creative thinking capabilities of students so that they have a set of skills that will increase their employment opportunities and provides the foundation for graduate

study and research. The educational objectives of the Computer Science Program are as follows:

1. To prepare students to be capable of identifying and analyzing requirements for computing systems.
2. To produce graduates who are capable of designing and implementing solutions for rapidly changing computing problems and information system environments.
3. To prepare graduates with good communication skills and who are able to effectively work in teams.
4. To produce graduates who are capable of gauging the impact of computing on society, and possess knowledge of the ethical, social and professional implications and responsibilities of their work.
5. To prepare students to engage in life-long learning, to adapt to innovation and change, and to successfully pursue professional work and graduate studies.

The Department of Computer Science offers programs that lead to the Bachelor of Science in Computer Science degree and the Master of Science in Computer Science degree. Students majoring in other disciplines are encouraged to pursue a minor in Computer Science, since virtually all employers are critically dependent upon computers. Significant opportunities for employment and graduate study are also available for students in other information technology enabled fields and organizations for students with a minor in Computer Science.

These programs are designed to prepare graduates for productive work in highly complex computing environments in business, industry, and government. In recent years, many graduates of the program have obtained positions in business applications, software development, computational science and applied mathematics, and have gone to graduate school. Students majoring in computer science should set their goals to become expert software developers and to have developed the following abilities:

1. To apply knowledge of computing, mathematics, science, and business appropriate to the discipline, including the ability to analyze and evaluate performance tradeoffs of algorithms, data structures, and hardware solutions.
2. To analyze a problem, and identify and define the computing requirements appropriate to its solution.
3. To design, implement and evaluate computing systems, processes, components, or programs to meet desired needs.
4. To function effectively on teams to accomplish a common goal.
5. To understand the professional, ethical, legal, security, social issues and responsibilities of the profession.
6. To communicate effectively with a range of audiences.
7. To analyze the local and global impact of computing on individuals, organizations and society.
8. To recognize the need for, and an ability to engage in, continuing professional development.
9. To use current techniques, skills, and tools necessary for computing practices.
10. To apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the risks and tradeoffs involved in design choices.
11. To apply design and development principles in the construction of software systems of varying complexity.

Realizing that students pursuing a bachelor's degree in computer science may have different career goals, the Department of Computer Science offers two concentrations to the Bachelor's degree in Computer Science.

Concentration 1: The Bachelor of Science in Computer Science with General CS Concentration is designed for students who plan to focus on software development have a broad fundamental education to allow them to address many areas of computing applications when they graduate. They may work in cooperation with professionals trained in areas other than computer science and may need to have knowledge in several subject areas. Students who major in Computer Science and prefer to follow this concentration will have elective courses that can be in computer science or any other academic discipline. The curriculum of this Concentration is designed to provide the students with in-depth computer science knowledge but broadens it with additional knowledge from another field of their choice. This improves their competitiveness in the job market especially for jobs requiring interactions and communications with others of different educational backgrounds.

Concentration 2: The Bachelor of Science in Computer Science with Computer Networks Concentration is designed for students who plan to work in the rapidly growing field of computer networks. The curriculum of this Concentration is designed to provide the students with the same breadth of computer science knowledge as the other concentration but with more depth in the area of computer networks. Once they graduate, students pursuing this concentration will be ready to apply for leading industry certificates such as the Cisco Certified Network Associate (CCNA) certificate which improves their competitiveness in today's challenging job market where networking is an essential ingredient of almost every business.

The requirements for the Bachelor of Science in Computer Science are summarized at the end of this section along with the sequence in which major courses must be taken for each track. **Students must earn grades of "C" or better in all courses specific to their major in computer science.**

Each student must be admitted by the Department as a major, before attempting to meet all of the requirements for the degree. The admissions procedures are under continual review by the Departmental Curriculum and Admissions Committee. Interested students are asked to contact the Department Office during their freshman year in order to gain admission as majors. Students are responsible for completing ASSET requirements and prerequisites administered through the Student Academic Enhancement Services prior to admission to the department. The Department offices and facilities are housed on the third floor of New Technology Building with the Department Office located in Room 314. The Department website is <http://cs.tsu.edu>.

Students transferring to the University are cautioned that computer science credits transferred from other colleges and universities must be evaluated by the Department before being used to fulfill requirements for the major in Computer Science. These credits may or may not be acceptable. If these credits are judged to be unacceptable by the Department, students may be able to use them to fulfill some elective requirements.

Students pursuing the B.S. in computer science for the General CS Concentration should seek detailed advisement from their designated advisors when selecting the elective courses required for this concentration.

In order for students to pursue either majors or minors in the Department, they must petition for admission to the Department by completing the

appropriate form which is available through the Department Office. The petition must be returned to the Department Office and must be reviewed by the Departmental Curriculum and Admissions Committee. Students must have completed the courses listed below or their equivalents:

Code	Title	Hours
ENG 131	Freshman English I	3
MATH 136	Precalculus Math	3
CS 120	Introduction to Programming Using C++	3
CS 124	Fund Machine Computation	3

Each student applying for major or minor status must have an overall grade point average (GPA) of 2.50 or better and must have earned grades of "C" or better (grades of "C-"are unacceptable) in the above courses.

The petition must be returned to the Department Office by the appropriate deadlines given below to be considered by the Departmental Curriculum and Admissions Committee:

October 15 during Fall
March 15 during Spring
June 15 during Summer

The number of students admitted to major and minor status on an ongoing basis is dependent upon the availability of resources on a year-to-year basis, on performance in the four courses targeted above, and on overall GPA's earned. Preference will be given to students earning the highest overall GPAs above the required minimum of 2.50. Each student will be notified of the decision of the Departmental Curriculum Admissions Committee with regard to his/her status approximately one month after the above deadlines.

Once students have been admitted to the Department as major or minor status, they are each expected to maintain an overall GPA of 2.25 or better, or they could be dismissed from the Department if more than thirty (30) semester credit hours are still required for graduation. If individual GPA's fall below 2.25 and students are within thirty (30) semester credit hours of graduation, they must contact the Department Advisor for a plan of action.

Upon admission to the Department, students are each assigned an official advisor. They are expected to keep the Department Office informed of changes in address and/or telephone numbers up to the time of graduation.

In summary, an interested student must first gain admission to the University; must meet his/her ASSET responsibility; and finally, must apply for admission to the Department once prerequisites and ASSET requirements have been met. Acceptance to major standing is not automatic, but subject to the decision of a Departmental Curriculum and Admissions Committee. Each student is provided with extensive advisement once admitted to the Department before further progression toward the completion of degree requirements is undertaken. Questions may be directed to the Department Office at (713)-313-7991 or to cs@tsu.edu.

Accelerated 4+1 Bachelor and Master's in Computer Science

The 4+ 1 academic program is open to students in the College of Science, Engineering and Technology seeking a B.S. degree in Computer Science with General CS Concentration. Admission to this graduate programs is not automatic. The principal eligibility factors are the student's

cumulative GPA and the Computer Science courses GPA. The five-year program includes 143 academic hours of coursework. Students entering the Master's program through the 4+1 are not required to complete the GRE.

Designed for the dedicated and driven TSU student, the accelerated 4+1 program combines graduate course work with advanced undergraduate course work, enabling students to earn both a bachelor and master degree within five years. It provides top undergraduate students the flexibility to begin taking classes toward their master's degree during their senior year of undergraduate studies. It also allows students to share nine credit hours between their bachelor's and master's degrees.

The accelerated 4+1 programs in Computer Science (CS) is available for students currently admitted in the Bachelor of Science (B.S.) in Computer Science program. Students entering the 4+1 accelerated program will be admitted to the Master's of Science in Computer Science thesis program or the Master of Computer Science non-thesis program. Due to the research required for the thesis based program, it may take more than one year of graduate work to complete the Master's degree.

The integration between the two programs occurs when students select their CS elective courses. The courses elected to double count (CS5XX) will apply toward the 31-hour master's degree (in addition to applying toward the 121-hour bachelor's degree). Once the bachelor's degree is completed, students will need an additional 22 credit hours to earn the master's degree.

Students interested in this program must meet the following eligibility requirements to be considered for admission:

1. Have at least 90 credits completed.
2. Have a cumulative TSU GPA of 3.0.
3. Have grades posted for all 300 level required courses.
4. Have a cumulative GPA of 3.0 or higher for computer science courses.
5. Have two semesters left in undergraduate program at time of admission to the master's program (senior year course work).

Students earning a B.S. degree can use up to nine credits of course work which must be CS 5XX courses.

Students in the 4+1 accelerated program must follow all course requirements pertaining to both programs. Satisfactory progress in the program is achieved if the student maintains a 3.00 GPA in overall graduate course work in the student's master's program. The student may drop out of the 4+1 accelerated program and return to a regular B.S. program at any point of time. Students opting to not continue with the 4+1 accelerated program will no longer be able to double count the nine hours towards their graduate degree. Those nine hours will only count for undergraduate credit for their B.S. degree.

Students who are dismissed, or voluntarily withdraw, from the 4+1 accelerated program and return to undergraduate status, are eligible to apply for admission to the stand-alone master's program in Computer Science.

- Accelerated 4+1 Computer Science (General CS Concentration), BA MS (p. 358)
- Computer Science (Computer Networks Concentration), Bachelor of Science (p. 359)

- Computer Science (General CS Concentration), Bachelor of Science (p. 361)
- Computer Science Minor (p. 362)

Computer Science Undergraduate Courses

CS 116 Intro To Compr Science I (3 Credits)

Introduction to Computer Science I (non-majors) (3) Study of fundamental concepts of computing: how computers work, what they can do, and how they can be used effectively. Topics covered: spreadsheets, word processing, databases, presentation software, multimedia/graphics software, program design and implementation, and fundamental computing theories. Three hours of lecture per week. Listed in the Texas Common Course Numbering System as COSC 1300.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 116L Intro To Comp Science Lab I (1 Credits)

Introduction to Computer Science Laboratory I 1 (1) Laboratory course designed to complement CS 116 and focuses on the fundamental concepts of computing such as how computers work, what they can do, and how they can be used effectively. Two hours of laboratory per week. Co-requisite: CS 116.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 117 Intro To Comp Science II (3 Credits)

Introduction to Computer Science II (non-majors) (3) Introduction to World Wide Web applications and design, including Web scripting languages and HTML editors. Three hours of lecture per week.

Prerequisite(s): CS 116

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 117L Intro To Comp Science II (1 Credits)

Introduction to Computer Science Laboratory II (1) Laboratory course designed to complement CS 117 and provides hands on activities that focus on World Wide Web applications and their design, including Web scripting languages and HTML. Two hours of laboratory per week. Co-requisite: CS 117.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 120 Introduction to Programming Using C++ (3 Credits)

This course covers algorithms, flowcharts, pseudo code, number systems, types, decision making, loops, strings, arrays, and functions. Three credit hours credit.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 120L Intro to Comp & Problem Lab (1 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 122 Microcomputer App (3 Credits)

Prerequisite(s): (CS 116)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 124 Fund Machine Computation (3 Credits)

Fundamentals of Machine Computation (3) Study of the theory and applications of discrete mathematical structures as a foundation for topics in computer science. Required for computer science majors and minors. Three hours of lecture per week. Prerequisite: MATH 136.

Prerequisite(s): MATH 136

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 140 Computer Programming in Java (3 Credits)

Computer Programming in Java (3) Introduction to the JAVA programming language that covers the use of object oriented programming methodologies such as class inheritance, polymorphism, multithreading, generics, GUI components, and exceptions. Required for computer science majors and minors. Three hours of lecture per week. Prerequisite: CS 120.

Prerequisite(s): CS 120

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 216 Advanced Applications I (3 Credits)

Advanced Applications I (non-majors) (3) Designed for students interested in learning computer programming applications using VISUAL BASIC. Design, implementation, and testing of programs and graphical user interfaces. Process of using VISUAL BASIC to access object oriented model of other applications also considered. Three hours of lecture per week. Prerequisite: CS 117.

Prerequisite(s): CS 117

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 216L Advanced Applications I (1 Credits)

Advanced Applications Laboratory I 2 (1) Laboratory course designed to complement CS 216. Provides hands on experience that focuses on the study of computer programming using VISUAL BASIC. Two hours of laboratory per week. Corequisite: CS 216.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 217 Advanced Applications II (2 Credits)

Advanced Applications II (3) This course is a continuation of CS 216 providing advanced study of software application development in the WINDOWS environment. Students develop customized software products with applications related to subject area matter studied. Two hours of lecture and one hour of lab per week. Prerequisite: CS 216.

Prerequisite(s): CS 216

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 217L Advance Applications Lab II (1 Credits)

Advanced Applications Laboratory II (1) Laboratory course designed to complement CS 217. Provides hands on experience that focuses on software application development in the WINDOWS environment. Two hours of laboratory per week. Co-requisite: CS 217.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 224 Prog PASCAL (3 Credits)

Prerequisite(s): (CS 120)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 241 Advanced OOP Using C++ (3 Credits)

Object Oriented Programming Using JAVA (3) The use of modern object oriented programming methodologies such as class inheritance, polymorphism, multithreading, generics, GUI components, and exceptions. JAVA programming language is used. Required for computer science majors and minors. Three hours of lecture per week. Prerequisite: CS 140.

Prerequisite(s): (CS 120)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 243 Computer Organization (3 Credits)

Computer Organization (3) Basic concepts of digital computers: Boolean algebra, combinatorial and sequential logic design, arithmetic/logic units, control units, memory units, and input/output units, flip flops, synchronized and asynchronous counters. Required for computer science majors and minors. Three hours of lecture per week. Prerequisites: CS 124 and CS 140.

Prerequisite(s): (CS 124)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 246 Data & File Structures (3 Credits)

Data and File Structures (3) Advanced programming techniques and data structures including tables, linked lists, queues and stacks. Abstract data types, recursion, searching and sorting, hashing, binary trees. External storage devices and sequential and direct file organization, file processing techniques. Required for computer science majors and minors. Three hours of lecture per week. Prerequisites: CS 124, CS 140.

Prerequisite(s): (CS 124 and CS 140)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 248 Theory of Computation (3 Credits)

Theory of Computation (3) Introduction to automata and languages, computability and complexity of algorithms. This course covers graph theory, finite state automata, determinism non-determinism, regular expressions, context free and non-context free grammars, algorithm definition, algorithm complexity, class P, class NP algorithms and NP-completeness. Required for computer science majors. Three hours of lecture per week. Prerequisites: MATH241, CS 243. Corequisite: CS246

Prerequisite(s): (MATH 241 and CS 243)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 250 Computer Networks Fundamentals (3 Credits)

Computer Networks Fundamentals (3) Introduction to the fundamental networking concepts and technologies focusing on both the conceptual and practical skills needed to understand basic networking. Students will gain an understanding of the "layered" approach to networks and examine the OSI and TCP/IP layers in detail to understand their functions and services. It provides an overview to various network devices, network addressing schemes and, finally, the types of media used to carry data across the network. Required for computer science majors and concentration II minors. Three hours of lecture per week. Prerequisite: CS 120.

Prerequisite(s): (CS 120)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 251 Internetworking & Routing (3 Credits)

Internetworking and Routing Basics (3) A comprehensive study of internetworking as well as routing concepts and protocols is presented to develop an understanding of how networks are linked together. An introduction to routers, their role in the network, their main hardware and software components, and the packet forwarding process is included. This course covers the foundations of static and dynamic routing protocols. It provides a detailed study of various Distance Vector as well as Link State protocols and examines their characteristics, operations, limitations, configuration, and troubleshooting techniques. Required for computer science concentration II majors and concentration II minors. Three hours of lecture per week. Prerequisite: CS 250.

Prerequisite(s): (CS 250)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 342 Prog Lang & Design (3 Credits)

Programming Languages and Design (3) Introduction to the structure and design of the programming language paradigm, formal specification of syntax, semantics, functional languages, logic languages, parallel languages, data types and interfacing procedures. Required for computer science majors. Three hours of lecture per week. Prerequisites: CS 241, CS 248.

Prerequisite(s): (CS 241 and CS 248)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 343 Assembly & Comp Archi (3 Credits)

Assembly and Computer Architecture (3) Rigorous study of the architecture, applications, programming, and interfacing of current microprocessors, co-processors, and controllers. Hardware and software structures found in modern digital computer systems. Parallel architectures included. Required for computer science majors. Three hours of lecture per week. Prerequisite: CS 243.

Prerequisite(s): (CS 243)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 344 Compiler Des & Const (3 Credits)

Compiler Design and Construction (3) Concepts, design, implementation and construction techniques for programming language translators, simple one-pass compiler; lexical analysis; semantics analysis, top-down, bottom-up and operator precedence parsing, left-left and left-right parser techniques. Three hours of lecture per week. Prerequisite: CS342

Prerequisite(s): CS 342

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 346 Database Mgmt System (3 Credits)

Database Management Systems (3) Theory and current practices in database management systems, data organizational models, including hierarchical and networked, with relational and semantic models stressed. Required for computer science majors. Three hours of lecture per week. Prerequisites: CS246, CS 248.

Prerequisite(s): (CS 246 and CS 248)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 350 LAN Fundamentals (3 Credits)

Local Area Network Fundamentals (3) This course covers an introduction to LAN switching and wireless LANs and. in depth examination of the underlying concepts and processes of the common Layer 2 switching protocols and technologies. It provides the necessary knowledge required to implement, verify, and troubleshoot Local Area Networks. It also covers wireless LAN standards and concepts required to design, implement and troubleshoot wireless LANs. Required for computer science concentration II majors and concentration II minors. Three hours of lecture per week. Prerequisite: CS 250.

Prerequisite(s): (CS 251)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 351 WAN Technologies (3 Credits)

Wide Area Network Technologies (3) This course is an introduction to the various wide area networks (WANs) access technologies used to connect small-to medium-sized business networks. This course introduces WAN converged applications and quality of service (QoS). It focuses on WAN technologies including PPP, Frame Relay, broadband links, and WAN security concepts. It covers the principles of traffic control and access control lists and describes how to implement IP addressing services for an Enterprise network, including how to configure NAT and DHCP. Finally, students learn how to detect, troubleshoot and correct common Enterprise network implementation issues. Required for computer science concentration II majors and concentration II minors. Three hours of lecture per week. Prerequisite: CS 251.

Prerequisite(s): (CS 350)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 354 Web Appl Development (3 Credits)

Logic Programming Using Prolog (3) A thorough introduction to logic programming using Prolog. Includes a description of Prolog data objects such as predicates, clauses, facts, and queries and introduces the concepts of goal resolution through unification and negation as failure. Programming techniques using control, meta-logical and extra-logical predicates and arithmetic operations are also studied. Three hours of lecture per week. Prerequisite: CS 342.

Prerequisite(s): (CS 250 and CS 346)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 356 Numerical Analysis (3 Credits)

Numerical Analysis (3) Numerical solution of nonlinear equations, integration, interpolation and data smoothing, systems of linear and nonlinear equations. Three hours of lecture per week. Prerequisites: MATH 242, MATH 330, and CS 140.

Prerequisite(s): (MATH 242 and MATH 330 and CS 140)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 415 Comp Ethics & Society (3 Credits)

Computer Ethics and Society (3) This course is a study of the ethical and social issues related to computers and computer networks. It provides an introduction to the legal, social, and ethical issues surrounding information technology and to the societal risks addressed in software testing and reliability standards. Safety and relevant legal cases will be covered. Required for computer science majors. Two hours of lecture per week. Prerequisite: Junior level standing.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 434 Wireless Programming (3 Credits)

Wireless Programming (3) This course involves a thorough introduction to wireless device programming with a focus on Wireless application development and Wireless Internet programming. After an overview of the elements and dynamics of the Wireless Internet landscape, the course focuses on the skills required for content development and management of wireless media applications. Emphasis is on developing applications that can be accessed remotely using the Wireless Application Protocol (WAP) and the Wireless Markup Language (WML) as well as standalone applications that run on platforms such as Android. Three hours of lecture per week. Prerequisite: CS 354 or instructor consent.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 444 Operating Systems (3 Credits)

Operating Systems (3) Introduction to the function, internal data structures, and operations of operating systems and their associated file systems. Required for computer science majors. Three hours of lecture per week. Prerequisites: CS 343 and CS 346

Prerequisite(s): (CS 343 and CS 346)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 445 Multimedia Applications (3 Credits)

Multimedia Applications (3) This course focuses on the fast emerging field of multimedia authoring and application development. It covers multimedia representation, storage, and communication. It provides students with the basics of integrating audio, video, and textual sources into multimedia objects. Software and hardware issues related to multimedia are studied in this class. Required for computer science concentration II majors. Three hours of lecture per week. Prerequisite: CS 354.

Prerequisite(s): (CS 354)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 448 Computer Networking (3 Credits)

Computer Networking (3) Study of current practices in computer networking including ISO standards, layered models, and protocols. Required for computer science majors. Three hours of lecture per week. Prerequisite: CS 444.

Prerequisite(s): (CS 444)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 450 Network Management & Security (3 Credits)

Network Management and Security (3) This course provides an introduction to the basic concepts of the network-management architectures and protocols. It covers, in detail, the implementation, operation, security, management and support of complex LAN and WAN networks to develop an understanding of the tools, procedures and standards needed for network administration. Students will learn common network management concepts and protocols such as Structure of Management Information (SMI), Management Information Base (MIB), Simple Network Management Protocol (SNMP), Remote Monitoring (Rmon), and Common Management Information Protocol (CMIP). Required for computer science concentration II majors. Three hours of lecture per week. Prerequisite: CS 351.

Prerequisite(s): (CS 351)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 451 Intro to Wireless&Mobile Nets (3 Credits)

Introduction to Wireless and Mobile Networks (3) This course provides an introduction to wireless and mobile networks and covers the following topics: mobile radio propagation; traffic engineering; cellular concepts; multiple radio access; multiple division techniques; channel allocation; mobile communication systems; existing wireless systems; network protocols; Ad Hoc and sensor networks; and wireless LANs and PANS. Required for computer science concentration II majors. Three hours of lecture per week. Prerequisite: CS 350.

Prerequisite(s): (CS 350)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 456 Soft Eng (3 Credits)

Software Engineering and Testing (3) Study of the principles and practices of software engineering. Topics include software quality concepts, process models, and analysis of software requirements, design methodologies, software testing, and software maintenance. Required for computer science majors. Three hours of lecture per week. Prerequisite: CS 444

Prerequisite(s): (CS 444)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 457 Artificial Intel (3 Credits)

Artificial Intelligence (3) Introduction to the fundamental theories, algorithms and representational structures underlying Artificial Intelligence and practice techniques for programming AI applications using Prolog. General areas covered include search techniques, production systems, planning, learning, and connectionist systems. Three hours of lecture per week. Prerequisites: CS 354 and CS 346

Prerequisite(s): (CS 342)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 460 Computer Graphics (3 Credits)

Computer Graphics (3) Basic concepts of computer graphics, including programming, hardware, display technology, and data structures for both micros and high-performance workstations. Three hours of lecture per week. Prerequisites: CS 248, CS 356 and MATH 333

Prerequisite(s): (CS 248 and CS 356)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 497 Adv Topics (3 Credits)

Advanced Topics (3) Presentation of advanced topics in computer science by faculty and students. Three hours of lecture per week. Corequisite: CS 456.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 498 Sen Comp (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 499 Capstone Proj (3 Credits)

Capstone Project (3) A CS required capstone design course to encourage independent study, project design, and development. Proposal must be submitted and approved during term preceding enrollment. Required for computer science concentration I majors. Three hours of lecture per week. Prerequisites: Consent of the Faculty Chair and Senior Level standing.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

Accelerated 4+1 Computer Science (General CS Concentration), BA MS

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Code	Title	Hours
	General Education Core Curriculum (p. 358)	42
	Major Requirements (p. 358)	79
	Other Requirements (p. 358)	20
Total Hours		141

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 136	Precalculus Math	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 136	Music Appreciation	3
	or ART 135 Topics in Contemp Art & Cultur	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 120	Introduction to Programming Using C++	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Computer Science)

Code	Title	Hours
CS 124	Fund Machine Computation	3
CS 140	Computer Programming in Java	3
CS 241	Advanced OOP Using C++	3
CS 243	Computer Organization	3
CS 246	Data & File Structures	3
CS 248	Theory of Computation	3
CS 250	Computer Networks Fundamentals	3
CS 342	Prog Lang & Design	3
CS 343	Assembly & Comp Archi	3
CS 346	Database Mgmt System	3
CS 415	Comp Ethics & Society	3
CS 444	Operating Systems	3
CS 456	Soft Eng	3
CS 499	Capstone Proj	3
CS 3xx or 4xx		3
CS 4xx Elective		3
CS 511	Alg Anal & Data Str	3
CS 531	Comp Arch	3
CS 541	Operating Systems	3
CS 551	Theory of Computation	3
CS 599	Graduate Seminar Computer Sci	1
CS 698	Mst Thes/Rsch I	3
" Or CS 500/CS 600	Elective"	
CS 697	Independent Master's Prit	3
	or CS 699 Mst Thes/Rsch II	
CS 500/CS 600 Elective		3
CS 500/CS 600 Elective		3
CS 500/CS 600 Elective		3
CS 500/CS 600 Elective		3
Total Hours		79

Other Requirements

Code	Title	Hours
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
MATH 250	Linear Algebra	3
MATH 473 & MATH 345	Probability & Statistics I and Applied Mathematics and Statistics for Scientists and Engineers	6
PHYS 213	College Phys Lab I	1
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		23

Course	Title	Hours
First Year		
First Semester		
CS 120	Introduction to Programming Using C++	3

MATH 136	Precalculus Math	3
CHEM 131	Chemistry I	3
or BIOL 143	or Survey of Life Science	
ENG 131	Freshman English I	3
MUSI 136	Music Appreciation	3
or ART 135	or Topics in Contemp Art & Cultur	
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester

CS 124	Fund Machine Computation	3
CS 140	Computer Programming in Java	3
MATH 241	Calculus & Analytic Geomtry I	4
ENG 132	Freshman English II	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
Hours		16

Second Year**Third Semester**

CS 241	Advanced OOP Using C++	3
CS 243	Computer Organization	3
MATH 242	Calculus&Analytic Geometry II	4
CS 250	Computer Networks Fundamentals	3
PHYS 213	College Phys Lab I	1
PHYS 237	College Physics I	3
Hours		17

Fourth Semester

CS 246	Data & File Structures	3
CS 248	Theory of Computation	3
POLS 235	American Government	3
MATH 250	Linear Algebra	3
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
Hours		16

Third Year**Fifth Semester**

CS 342	Prog Lang & Design	3
CS 343	Assembly & Comp Archi	3
MATH 345	Applied Mathematics and Statistics for	6
& MATH 473	Scientists and Engineers	
	and Probability & Statistics I	
HIST 231	Soc & Pol Hist US to 1877	3
ENG 2XX Any 200	Level ENG may be selected	3
Hours		18

Sixth Semester

CS 346	Database Mgmt System	3
CS 300/400	CS Elective	3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ECON 231	Principles Of Economics I	3
Hours		15

Fourth Year**Seventh Semester**

CS 444	Operating Systems	3
CS 415	Comp Ethics & Society	3
CS 4XX (Elective)		3
CS 5XX (Core)		3
CS 500/600 Elective		3
Hours		15

Eighth Semester

CS 456	Soft Eng	3
CS 499	Capstone Proj	3
CS 5XX (Core)		3
CS 500/600 Elective		3
Hours		12

Fifth Year**Ninth Semester**

CS 5XX (Core)		3
CS 5XX (Core)		3
CS 599	Graduate Seminar Computer Sci	1
Select one of the following:		3
CS 500/600 elective		
CS 698	Mst Thes/Rsch I	
Hours		10

Tenth Semester

CS 697	Independent Master's Prjt	3
or CS 699	or Mst Thes/Rsch II	
CS 500/600 Elective		3
CS 500/600 Elective		3
Hours		9
Total Hours		144

Computer Science (Computer Networks Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 359)	42
	Major Requirements (p. 360)	60
	Other Requirements (p. 360)	20
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
ENG 131	Freshman English I ²	3

ENG 132	Freshman English II	3
Mathematics		
MATH 136	Precalculus Math	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
or BIOL 143	Survey of Life Science	
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 136	Music Appreciation	3
or ART 135	Topics in Contemp Art & Cultur	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 120	Introduction to Programming Using C++	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Computer Science)

Code	Title	Hours
CS 124	Fund Machine Computation	3
CS 140	Computer Programming in Java	3
CS 241	Advanced OOP Using C++	3
CS 243	Computer Organization	3
CS 246	Data & File Structures	3
CS 248	Theory of Computation	3
CS 250	Computer Networks Fundamentals	3
CS 251	Internetworking & Routing	3
CS 342	Prog Lang & Design	3
CS 343	Assembly & Comp Archi	3
CS 346	Database Mgmt System	3
CS 350	LAN Fundamentals	3
CS 351	WAN Technologies	3
CS 415	Comp Ethics & Society	3
CS 444	Operating Systems	3
CS 450	Network Management & Security	3
CS 451	Intro to Wireless&Mobile Nets	3
CS 456	Soft Eng	3

CS 499	Capstone Proj	3
CS 3XX or 4XX or 5XX		3
Total Hours		60

Other Requirements

Code	Title	Hours
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
MATH 250	Linear Algebra	3
MATH 473	Probability & Statistics I	3
or MATH 345	Applied Mathematics and Statistics for Scientists and Engineers	
PHYS 213	College Phys Lab I	1
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		20

Course	Title	Hours
First Year		
First Semester		
CS 120	Introduction to Programming Using C++	3
MATH 136	Precalculus Math	3
CHEM 131	Chemistry I	3
or BIOL 143	or Survey of Life Science	
ENG 131	Freshman English I	3
MUSI 136	Music Appreciation	3
or ART 135	or Topics in Contemp Art & Cultur	
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
CS 124	Fund Machine Computation	3
CS 140	Computer Programming in Java	3
MATH 241	Calculus & Analytic Geomtry I	4
ENG 132	Freshman English II	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	or PUBLIC ADDRESS	
Hours		16

Second Year		
Third Semester		
CS 241	Advanced OOP Using C++	3
CS 243	Computer Organization	3
CS 250	Computer Networks Fundamentals	3
MATH 242	Calculus&Analytic Geometry II	4
PHYS 213	College Phys Lab I	1
PHYS 237	College Physics I	3
Hours		17

Fourth Semester		
CS 246	Data & File Structures	3
CS 248	Theory of Computation	3
CS 251	Internetworking & Routing	3
MATH 250	Linear Algebra	3

PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
Hours		16

Third Year**Fifth Semester**

CS 342	Prog Lang & Design	3
CS 346	Database Mgmt System	3
CS 350	LAN Fundamentals	3
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Hours		15

Sixth Semester

CS 343	Assembly & Comp Archi	3
CS 351	WAN Technologies	3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ENG 2XX Any 200 Level ENG may be selected		3
Hours		15

Fourth Year**Seventh Semester**

CS 415	Comp Ethics & Society	3
CS 450	Network Management & Security	3
CS 300/ CS 400/ CS 500 Elective		3
MATH 345 or MATH 473	Applied Mathematics and Statistics for Scientists and Engineers or Probability & Statistics I	3
ECON 231	Principles Of Economics I	3
Hours		15

Eighth Semester

CS 444	Operating Systems	3
CS 451	Intro to Wireless&Mobile Nets	3
CS 456	Soft Eng	3
CS 499	Capstone Proj	3
Hours		12
Total Hours		122

Computer Science (General CS Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 361)	42
	Major Requirements (p. 361)	51
	Other Requirements (p. 362)	29
Total Hours		122

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 136	Precalculus Math	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 136	Music Appreciation	3
	or ART 135 Topics in Contemp Art & Cultur	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 120	Introduction to Programming Using C++	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Computer Science)

Code	Title	Hours
CS 124	Fund Machine Computation	3
CS 140	Computer Programming in Java	3
CS 241	Advanced OOP Using C++	3
CS 243	Computer Organization	3
CS 246	Data & File Structures	3
CS 248	Theory of Computation	3
CS 250	Computer Networks Fundamentals	3
CS 342	Prog Lang & Design	3
CS 343	Assembly & Comp Archi	3
CS 346	Database Mgmt System	3
CS 415	Comp Ethics & Society	3
CS 444	Operating Systems	3

CS 456	Soft Eng	3
CS 499	Capstone Proj	3
CS 3XX or 4XX		3
CS 4XX or 5XX		3
CS 4XX or 5XX		3
Total Hours		51

Other Requirements

Code	Title	Hours
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
MATH 250	Linear Algebra	3
MATH 473	Probability & Statistics I	3
or MATH 345	Applied Mathematics and Statistics for Scientists and Engineers	
PHYS 213	College Phys Lab I	1
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1
Elective Courses		9
Total Hours		29

Course	Title	Hours
First Year		
First Semester		
CS 120	Introduction to Programming Using C++	3
MATH 136	Precalculus Math	3
CHEM 131	Chemistry I	3
or BIOL 143	or Survey of Life Science	
ENG 131	Freshman English I	3
MUSI 136	Music Appreciation	3
or ART 135	or Topics in Contemp Art & Cultur	
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
CS 124	Fund Machine Computation	3
CS 140	Computer Programming in Java	3
MATH 241	Calculus & Analytic Geomtry I	4
ENG 132	Freshman English II	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
or PUBLIC ADDRESS		
Hours		16

Second Year

Third Semester		
CS 241	Advanced OOP Using C++	3
CS 243	Computer Organization	3
MATH 242	Calculus&Analytic Geometry II	4
PHYS 213	College Phys Lab I	1
PHYS 237	College Physics I	3
ENG 2XX Any 200 Level ENG may be selected		3
Hours		17

Fourth Semester

CS 246	Data & File Structures	3
CS 248	Theory of Computation	3
CS 250	Computer Networks Fundamentals	3
MATH 250	Linear Algebra	3
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
Hours		16

Third Year

Fifth Semester		
CS 342	Prog Lang & Design	3
CS 343	Assembly & Comp Archi	3
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Elective Course		3
Hours		15

Sixth Semester

CS 346	Database Mgmt System	3
CS 300/400 CS Elective		3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
ECON 231	Principles Of Economics I	3
Hours		15

Fourth Year

Seventh Semester		
CS 444	Operating Systems	3
CS 415	Comp Ethics & Society	3
CS 400/500 CS Elective		3
MATH 345	Applied Mathematics and Statistics for	3
or MATH 473	Scientists and Engineers	
or Probability & Statistics I		
Elective Course		3
Hours		15

Eighth Semester

CS 456	Soft Eng	3
CS 499	Capstone Proj	3
CS 400/500 CS Elective		3
Elective Course		3
Hours		12
Total Hours		122

Computer Science Minor

Twenty-one (21) semester credit hours are required through following one of the following two concentrations:

Concentration I: enrollment in the following courses:

Code	Title	Hours
CS 120	Introduction to Programming Using C++	3
CS 124	Fund Machine Computation	3
CS 140	Computer Programming in Java	3
CS 241	Advanced OOP Using C++	3
CS 243	Computer Organization	3

CS 246	Data & File Structures	3
One additional junior/senior level CS course of choice		3
Total Hours		21

Concentration II: enrollment in the following courses:

Code	Title	Hours
CS 120	Introduction to Programming Using C++	3
CS 124	Fund Machine Computation	3
CS 243	Computer Organization	3
CS 250	Computer Networks Fundamentals	3
CS 251	Internetworking & Routing	3
CS 350	LAN Fundamentals	3
CS 351	WAN Technologies	3
Total Hours		21

Prior to pursuing the CS minor, students must seek advisement and approval from the Department Office. Students must earn grades of "C" or better in all courses specific to the minor in computer science.

Department of Engineering

Undergraduate Degree(s):

- Bachelor of Science in Civil Engineering Technology (p. 375)
- Bachelor of Science in Civil Engineering (p. 376)
- Bachelor of Science in Computer Engineering Technology (p. 378)
- Bachelor of Science in Electrical and Computer Engineering (Computer Engineering Concentration) (p. 380)
- Bachelor of Science in Electrical and Computer Engineering (Electrical Engineering Concentration) (p. 382)
- Bachelor of Science in Electronics Engineering Technology (p. 383)

The mission of the Department of Engineering is to provide an overall high quality, application-oriented curriculum in engineering and engineering technology. These curricula are designed to prepare students for careers as engineers and engineering technologist who have the ability to understand new developments, adapt to change, embrace professional development opportunities, and assume professional roles in their respective fields.

Through this instructional unit, courses are offered in the following disciplines:

- Civil Engineering (CIVE), Electrical and Computer Engineering (ECE),
- Civil Engineering Technology (CIVT),
- Computer Engineering Technology (CMET) and Electronics Engineering Technology (ELET).

The Bachelor of Science degree (B.S.) in the aforementioned areas is offered at the undergraduate level. No graduate degrees are offered through this unit. The Electronics Engineering Technology program in the College of Science, Engineering and Technology (COSET) is accredited by the Engineering Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (ETAC of ABET), 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 – Telephone: (410)347-7700. Members of the department are housed on the first floor of the Leonard H.O. Spearman Technology Building with the department office located in Suite 101.

Students wishing to pursue the B.S. degree or declare a major in the department must first gain admission to the university. Then, they must satisfy TSI Assessment requirements or equivalent and eradicate identified deficiencies through the Office of Student Success. Finally they must contact the department for admission after TSI Assessment requirements or equivalent has been completed and deficiencies remedied. Students within this department are not required to declare a minor in another academic discipline. Students wishing to declare a minor in Engineering or Engineering Technology should contact the Department office once they have been admitted as majors in other academic units of the University and have met all TSI Assessment requirements.

Admission Requirements (ECE & CIVE)

All applicants seeking admission to the Department of Engineering must first satisfy all Texas Southern University admission requirements. Admission to the Department of Engineering is open to incoming new freshmen, transfer students, and internal transfer students. Admission to the Department of Engineering is selective. Declaration of the desired curriculum in the Department of Engineering does not guarantee admission into the degree program selected.

Incoming New Freshman

After receiving admission to TSU, applicants will be evaluated for admission by the Department of Engineering based on cumulative high school grade point average and composite ACT or SAT scores. Applicants will be notified by the Department of Engineering about their admission status.

Requirements

- 2.75 GPA in all Math and Science Courses
- Cumulative GPA of 2.75
- Composite ACT Minimum of 23 (SAT Critical Reading + Math 1080)
- TSI responsible students will sign contract for conditional Admission with Advisor and will be advised to enroll in Core classes to raise Math and Science GPA

Academic standards to be considered for priority admission to the Department of Engineering:

1. Graduate high school with a GPA of 3.0
2. Rank in the top 25% of your class
3. Complete math requirements up to Calculus I with a grade of 3.0 or better

Transfer Students

After admission to TSU, applicants will be evaluated for admission by the Department of Engineering based on cumulative college or university grade point average and courses taken. Applicants will be notified by the Department of Engineering about their admission status. Applications from all transfer students will be evaluated on a case-by-case basis. Applicants must meet application deadlines.

Minimum academic standards to be considered for admission to the Department of Engineering:

1. Earn a 2.75¹ GPA on all transfer coursework in Science², Math, and Engineering

¹ Students (Transfer or Major Change) who have completed ACT/SAT within the last 5 years with scores of 23/1080 and have a college GPA of 2.50 or better will be evaluated by the Department Chair and/or Faculty Advisors for acceptance.

² Science Courses are defined as:
 BIOL 131 Biological Science I/BIOL 111 Biological Science Lab I, BIOL 143 Survey of Life Science/BIOL 143L Life Science Lab or Higher
 CHEM 131 Chemistry I/CHEM 111 Chemistry I Lab, CHEM 132 Chemistry II/CHEM 112 Chemistry II Lab or Higher,
 GEOL 141 Introduction To The Earth
 PHYS 237 College Physics I/PHYS 213 College Phys Lab I, PHYS 238 College Physics II/PHYS 214 College Phys Lab II PHYS 251 University Physics I/PHYS 217 University Physics Laboratory I, PHYS 252 University Physics II/PHYS 218 University Physics Laboratory II or Higher

Internal Transfer Students ¹

Applicants will be evaluated for admission by the Department of Engineering based on cumulative TSU grade point average and courses taken.

Applicants will be notified by the Department of Engineering about their admission status.

Academic standards to be considered for transfer to the Department of Engineering:

1. Earned a 2.75² or better Cumulative TSU GPA
2. Successful completion of the following courses with 2.75 GPA or better

Code	Title	Hours
Calculus 1		
Calculus 2		
CHEM 131 & CHEM 111	Chemistry I and Chemistry I Lab	4
PHYS 251 & PHYS 217	University Physics I and University Physics Laboratory I	4
ENGR 131	Engineering Graphics	3
CIVE 110 or ECE 110	Introduction to Civil Engineering or Introduction to Engineering	1

¹ Subsequent coursework (i.e. work taken in recent terms) above the levels of courses outlined above must be completed with a "C" or better grade. For example, applicants must have a "B" or better grade in Calculus 1; and must receive a minimum "C" grade in all consecutive Math and Major classes.

² Students (Transfer or Major Change) who have completed ACT/SAT within the last 5 years with scores of 23/1080 and have a college GPA of 2.50 or better will be evaluated by the Department Chair and/or Faculty Advisors for acceptance.

Major Changes are only accepted prior to November 15 (Spring) and June 15 (Fall)

Each major in the department is assigned a faculty advisor, and this advisor must approve the schedule of courses prior to registration each semester. In addition to academic course work, a student pursuing the B.S. in Civil Engineering must undertake a six (6) semester credit hours practicum (internship) (CIVE 430) to meet the degree requirements. In the event that a suitable internship cannot be located prior to graduation, the

student may then take six credit hours (6) of the senior project (CIVE 400) to fulfill this requirement.

Prior to graduation, majors must pass an exit examination during their senior year. Students within the ECE, ELET and CMET program who received an "unsatisfactory" grade in the exit exam will register for the Special Topics course in their discipline to fulfill this requirement for graduation. These requirements give the student an opportunity to master a particular aspect of the discipline in depth.

Students within the CIVE and CIVT program will be exempted from taking the exit exam after presenting documented proof of registration for the next upcoming engineering board exam (EIT).

For students majoring in other academic disciplines who wish to pursue a minor in Engineering or Engineering Technology, twenty-one (21) semester credit hours are required. Minor options are available in ECE, CIVT, CMET, and ELET. Students are cautioned that grades of "C-" and below are not accepted for the twenty-one (21) semester credit hours referenced.

- For the minor in Electrical and Computer Engineering (ECE), completion of the following 21 semester credit hours is required. See Department for complete list.
- For the minor in Electronics Engineering Technology (ELET), completion of the following 21 semester credit hours is required: See Department for complete list.
- For the minor in Computer Engineering Technology (CMET), completion of the following 21 semester credit hours is required: See Department for complete list.
- For the minor in Civil Engineering Technology (CIVT), completion of the following 21 semester credit hours is required: See Department for complete list.

To ensure quality instruction and outcome competencies, course sequence restrictions will be observed for all Engineering and Engineering technology minors. The minor in Engineering programs are also required to complete the following three mathematics courses in conjunction with the designated twenty-one (21) semester credit hours:

Code	Title	Hours
MATH 241	Calculus & Analytic Geometry I	4
MATH 242	Calculus & Analytic Geometry II	4
MATH 243	Calculus & Analytic Geo III	4

The minor in Engineering Technology programs are also required to complete the following three mathematics courses or their equivalents in conjunction with the designated twenty-one (21) semester credit hours:

Code	Title	Hours
MATH 133	College Algebra	3
MATH 134 or MATH 136	Plane Trigonometry or Precalculus Math	3
MATH 241	Calculus & Analytic Geometry I	4
Total Hours		10

The Chair in the Department, prior to enrollment, must approve all courses and an overall program of study for each minor.

Detailed plans of study of the five (5) programs leading to B.S. in Engineering or Engineering Technology, including the sequence of courses that must be taken are shown below. As is the case for a major

or minor in Engineering and Engineering Technology, grades below "C" including "C-", are unacceptable in course specific to the major. Additional information may be obtained directly from the Department Office or by calling (713) 313-7119.

- Civil Engineering Technology, Bachelor of Science (p. 375)
- Civil Engineering, Bachelor of Science (p. 376)
- Computer Engineering Technology, Bachelor of Science (p. 378)
- Electrical and Computer Engineering (Computer Engineering Concentration), Bachelor of Science (p. 380)
- Electrical and Computer Engineering (Electrical Engineering Concentration), Bachelor of Science (p. 382)
- Electronics Engineering Technology, Bachelor of Science (p. 383)

Civil Engineering Courses

CIVE 110 Introduction to Civil Engineering (1 Credits)

Overview of the various fields of civil engineering and career opportunities in civil engineering. Path professional licensure Introduction to fundamental engineering concepts, engineering design, engineering ethics, and professional societies. 1 lecture hour per week.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 141 Civil Engineering Materials (3 Credits)

Introduction to materials and equipment for civil engineering construction. Properties and uses discussed of steel, alloys, asphalt, timbers, cement, aggregates, acoustics, etc. Three hours of lecture per week. Co-Requisite: CIVE 141L

Prerequisite(s): (CIVE 141L (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 141L Civil Engineering Materials Lab (1 Credits)

Laboratory testing of properties of steel, alloys, asphalt, timbers, cement, aggregates, acoustics, etc. Co-Requisite: CIVE141

Prerequisite(s): (CIVE 141 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 223 Hydrology and Water Resources (3 Credits)

Introduction to the science of hydrology and application. Hydro-meteorology ground-water, hydrographic, storm water control, free surface flow and water quality. Three hours of lecture and two hours of laboratory per week. Prerequisites: MATH 241

Prerequisite(s): MATH 241

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 224 Geotechnical Engineering (3 Credits)

Geotechnical analysis of soils: application of science and engineering principles; methods of exploration, testing, and classification using ASTM and AASHTO laboratory methods. Three hours of lecture per week. Prerequisites: MATH 241 and CIVE 141. Co- Requisite : CIVE 224L

Prerequisite(s): (MATH 241 and CIVE 141 and CIVE 224L (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 224L Geotechnical Engineering Lab (1 Credits)

Laboratory testing of geotechnical material, and its classification using ASTM and AASHTO laboratory methods.. Two hours of laboratory per week. Co- Requisite : CIVE 224

Prerequisite(s): (CIVE 224 (may be taken concurrently) and CIVE 141)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 231 Plane Surveying (3 Credits)

Theory and practice of plane surveying; instruments, measurements of distances, angles, elevations; introduction to traverse, contour, and electronic distance measurements. Two hours of lecture and two hours of laboratory per week.

Prerequisite(s): (MATH 241)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 232 Statics (3 Credits)

Introduction to applications of equilibrium of rigid bodies, including moments, couples, and moments of inertia. Three hours of lecture per week. Prerequisites: PHYS 251. Co- requisite MATH 243

Prerequisite(s): (PHYS 251 and MATH 241)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 233 Dynamics (3 Credits)

Principles of kinetics, kinematics, Newton's laws of motion, vectors, simple harmonic motion, and energy. Two hours of lecture per week. Prerequisite: CIVE 232 & MATH 243

Prerequisite(s): (CIVE 232)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 301 Environmental Engineering (3 Credits)

Introduction to sanitary microbiology and sanitary chemistry, communicable diseases, solid waste; environmental sanitation; environmental regulations; water and airborne diseases, transmission and control. Two hours of lecture and two hours of laboratory per week. Prerequisite: CHEM 111, CHEM 131, CIVE 232

Prerequisite(s): (CHEM 111 and CHEM 131 and CIVE 223)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 301L Environmental Engineering Lab (1 Credits)

Introduction to sanitary microbiology and sanitary chemistry, communicable diseases, solid waste; environmental sanitation; environmental regulations; water and airborne diseases, transmission and control. Two hours of laboratory per week. Co-Requisite: CIVE 301

Prerequisite(s): (CIVE 301 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 331 Engineering Economy (3 Credits)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CIVE 332 Applied Fluid Mechanics (3 Credits)

Fluid mechanics with engineering applications, properties of fluids, pressure, kinematics, energy, and flow through pipes. Two hours of lecture and two hours of laboratory per week. Prerequisites: MATH 242 & CIVE 232.

Prerequisite(s): (MATH 241 and CIVE 232)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 333 Hydraulics Engineering (3 Credits)

Introduction to quantitative hydrology, open channel flow, flow in conduits, hydraulic structures, flow measurements, and pumps. Two hours of lecture and two hours of laboratory per week. Prerequisite: CIVE 332 & MATH 251

Prerequisite(s): (CIVE 332 and MATH 251)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 334 Transportation Engineering (3 Credits)

Study of transportation engineering concepts, planning, traffic flow, capacity analysis, environmental and utility accommodations, and transportation economics analysis. Three hours of lecture per week.

Prerequisite(s): (CIVE 231)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 335 Geometric Design of Highways (3 Credits)

Prerequisite(s): (CIVE 334 and MATH 241)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 336 Strength of Materials (3 Credits)

Physical properties of engineering materials concepts of stress and loading shear force and bending moments. Design of structural elements. Three hours of lecture per week. Prerequisites: MATH 243, CIVE 232, and PHYS 251

Prerequisite(s): (MATH 242 and CIVE 232 and PHYS 251)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 338 Structural Analysis (3 Credits)

Study of determinate structures with emphasis on both the analytical and graphical approaches to trusses and building frames. Three hours of lecture per week. Prerequisites: CIVE 336.

Prerequisite(s): CIVE 336

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 339 Reinforced Concrete Design (3 Credits)

Concrete materials and properties, mixing and placement, concrete tests, design of concrete structures, elastic theory, stresses, beams, foundations, columns, and floor slabs. Three hours of lecture per week.

Prerequisite: CIVE 336 and CIVE 141

Prerequisite(s): (CIVE 338)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 340 Structural Steel Design (3 Credits)

Design in steel of tension members, beams, columns, welded and bolted connections; eccentrically loaded and moment resistant joints; plate girders. Plastic design; load and resistance factor design. Composite construction; introduction to computer-aided design Two hours of lecture and two hours of laboratory per week. Prerequisite: CIVE 338.

Prerequisite(s): CIVE 338

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 400 Problems in Civil Engineering (3 Credits)

Design of Civil Engineering related projects, apply the necessary criteria, city code approvals, and independent experimental study. One hour of lecture and three hours of laboratory per week. Prerequisite: Consent of the instructor required. Co-Requisite 340

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 430 Engineering Practicum (6 Credits)

Career training with professionals in major field of study. Prerequisite: Consent of the instructor required.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 433 Alternative Energy (3 Credits)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CIVE 434 Water and Wastewater Engineering (3 Credits)

Water supply and treatment, wastewater characterization and treatment. Design of units process and operation, transmission and sewerage facilities. Two hours of lecture and two hours laboratory per week.

Prerequisites: CIVE 301 & CIVE 333

Prerequisite(s): (CIVE 301 and CIVE 333)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 435 Building Construction (3 Credits)

Setting out of construction work, foundations, wallings, concrete slabs, formworks, roofing structures, plumbing and drainages, bridges, commercial and industrial buildings, and estimating. Two hours of lecture per week. Prerequisites: CIVE 339 and CIVE 340.

Prerequisite(s): (CIVE 339 and CIVE 340)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVE 490 Introduction to Bridge Engineering (3 Credits)

Study of basic bridge design, loadings, structural analysis, and AASHTO design procedures. Design examples that illustrate the Load and Resistance Factor Design (LRFD) procedures, Practical applications on small- and medium-span bridges. Examples of steel beams, concrete slabs, pre-stress members, and piers will illustrate the AASHTO procedures.. Three hour of lecture per week. Pre- Requisite CIVE 338

Prerequisite(s): (CIVE 338 and CIVE 339 and CIVE 340)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

Electrical and Computer Engineering Courses

ECE 110 Introduction to Engineering (1 Credits)

This course provides an integrated introduction to electrical engineering and computer engineering. It covers the principles of electrical and computer engineering including sinusoidal wave forms, electrical measurements, digital circuits, and applications of electrical and computer engineering. 1 credit hours.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 111 Engineering Analysis Lab I (1 Credits)

Laboratory activities on electronic circuits, Ohm's law, voltage, current, resistance, and basic text instruments are emphasized. 1 credit hour.

Prerequisite(s): (ECE 131 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 130 Programming Engineering Applications (3 Credits)

Use of the C++ language as a problem-solving tool is emphasized, including algorithm approaches to problem and computer program design for engineers. 3 credit hours.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 131 Circuit Analysis I (3 Credits)

Direct current topics covered: current, voltage, resistance, power, energy, series and parallel circuits, combination circuits, Ohm's law, Kirchhoff's rules, inductance, capacitance, and magnetism. 3 credit hours.

Prerequisite(s): (MATH 241 and ECE 111 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 211 Circuit Analysis Lab II (1 Credits)

Practical experiences in the measurement and analysis of alternating current with voltage, impedance, and phasor experiments are studied. 1 credit hour.

Prerequisite(s): (ECE 231 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 215 Digital System Lab (1 Credits)

Laboratory experiments on implementation of basic digital logic and hardware, combinational circuits, flip-flops, registers, and sequential circuits. 1 credit hour.

Prerequisite(s): (ECE 235 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 231 Circuit Analysis II (3 Credits)

Continuation of ECE 131 with studies of alternating current circuits, impedance concepts, network theorems, transformers, passive filters, and response curves are emphasized. 3 credit hours.

Prerequisite(s): (ECE 131 and MATH 242) and (ECE 211 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 235 Digital System (3 Credits)

Overview of digital computer systems. Boolean algebra, number systems, codes, combinational and sequential logic device, programmable logic devices, and study of digital hardware with emphasis on digital circuits such as A/D and D/A converter, memory circuits. 3 credit hours.

Prerequisite(s): (ECE 231 and ECE 215 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 236 Java Programming (3 Credits)

High-level, object-oriented language programming using JAVA is emphasized. The course includes inheritance and polymorphism, implementing, hiding and the creation of JAVA applet for internet usage. 3 credit hours.

Prerequisite(s): ECE 130

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 239 Electromechanical Energy Conversions (3 Credits)

Study of energy storage and conversion, force and emf production, coupled circuit analysis of systems with both electrical and mechanical inputs, applications to electric motors and generators and other electromechanical transducers are emphasized. 3 credit hours.

Prerequisite(s): (ECE 231 and PHYS 251 and PHYS 252 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 311 Electronics Circuits Lab (1 Credits)

Laboratory experiments on the application, analysis, and measurement of semiconductor devices in amplifier circuits. 1 credit hour.

Prerequisite(s): ECE 331 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 312 Microprocessor Arch Laboratory (1 Credits)

Laboratory experiments to explore the relationship between hardware and software in microprocessors, input/output operations, and assembly language techniques. 1 credit hour.

Prerequisite(s): (ECE 332 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 315 Control System Laboratory (1 Credits)

A series of control system experiments including process control using PID controller experiments, closed loop control systems, and transient response design topics. 1 credit hour.

Prerequisite(s): (ECE 335 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 319 Real-Time Embedded System Lab (1 Credits)

Laboratory Experiments utilizing hardware and software in the design of a real-time embedded system. 1 credit hour.

Prerequisite(s): (ECE 339 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 330 Engineering Mathematics Analysis (3 Credits)

Learn how to use mathematics to formulate, solve and analyze physical problems which includes systems and series of ordinary differential equations, Fourier analysis, partial differential equations, linear algebra, vector calculus, special functions, unconstrained and combinatorial optimization, and etc. 3 Credit hours.

Prerequisite(s): MATH 251

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 331 Electronic Circuits (3 Credits)

Study of the operation and characteristics of semiconductor devices such as introduction to electronic systems. linear circuits, diodes, field effect transistors, amplifiers and nonlinear circuits, and operational amplifiers, and applications are emphasized. 3 credit hours.

Prerequisite(s): (MATH 242 and ECE 231 and ECE 311 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 332 Microprocessor Architecture (3 Credits)

Introduction to microprocessor hardware and software, including: microprocessor principles, organization machine language programming, and input/output functions. 3 Credit hours.

Prerequisite(s): (ECE 235 and ECE 312 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 333 Software Engineering (3 Credits)

Software engineering is the study and an application of engineering to the design, development, and maintenance of software. 3 Credit hours.

Prerequisite(s): ECE 236

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 334 Signal and System (3 Credits)

Signals and Systems is an introduction to analog and signal processing. It presents and integrates the basic concepts for both continuous-time and discrete-time signals and systems. 3 credit hours

Prerequisite(s): MATH 242

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 335 Control Systems (3 Credits)

Study of feedback control systems with the emphasis on the Linear Servomechanism theory and design principles, Pole-zero analysis, stability of feedback systems by root locus and real-frequency response methods, design methods of Bode and Nichols, introduction to advanced topics in automatic control theory. 3 Credit hours.

Prerequisite(s): (ECE 330 and ECE 331 and ECE 315 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 336 Introductory VLSI Design (3 Credits)

This course aims to convey knowledge of circuit design for digital VLSI components to state of the of art MOS and BICMOS technologies. Emphasis is on the circuit design, optimization, and layout for use in applications such as micro-procdssors, signal and multimedia processors, memory and periphery .3 credit hours.

Prerequisite(s): (ECE 331) and ECE 332

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 337 Operating System (3 Credits)

The fundamental principles of artificial intelligence and expert systems are introduced and their application in varous areas of science and engineering. 3 credit hours.

Prerequisite(s): ECE 332

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 338 Computer and Wireless Networks (3 Credits)

This course introduces the fundamental problems of computer networking, from sending bits over wires to running distributed applications. Some advanced wireless networks will be included such as wireless sensor networks and internet of things. 3 credit hours.

Prerequisite(s): ECE 332

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 339 Real-Time Embedded System (3 Credits)

Prerequisite(s): (ECE 332 and ECE 319 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 401 ECE Comprehensive Exam (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 412 Communicaton System Lab (1 Credits)

Prerequisite(s): (ECE 432 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 414 Data Communications Lab (1 Credits)

Laboratory experiments in data communication devices is emphasized including modems, multiplexers, concentrators, front-end processor, error-checking, simple/duplex transmission, and telecommunications. 1 credit hour.

Prerequisite(s): (ECE 434 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 430 Applied Electromagnetic (3 Credits)

It is an introductory subject on electromagnetism, emphasizing fundamental concepts and applications of Maxwell equations. Topics covered include: polarization, dipole antennas, wireless communications, forces and energy, phase matching, dielectric waveguides and optical fibers, transmission line theory and circuit. 3 credit hours.

Prerequisite(s): ECE 330

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 431 Special Topics (3 Credits)

In this course, students who received "unsatisfactory" grade in ECE 401 will use the method of the Face-to-face study and independent study to fulfill the requirement for the graduation. These requirements give the student an opportunity to master a particular aspect of the discipline in depth.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 432 Communication Systems (3 Credits)

Study of communication systems with emphasis on the application of frequency domain and time domain response of linear systems, analog modulation methods including amplitude modulation, frequency modulation and phase modulation, signal and noise modeling using probabilistic descriptions, narrowband. 3 credit hours.

Prerequisite(s): (ECE 330 and ECE 331 and ECE 412 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 433 Microwave Engineering (3 Credits)

Analysis and design of transmission lines and matching circuits, Loss in transmission lines, Mode structures in metallic and dielectric waveguides, Microwave resonators and magnetic devices, Smith chart and matching techniques. 3 credit hours.

Prerequisite(s): ECE 430

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 434 Data Communications (3 Credits)

Study of data communication devices and software, their functional and operational aspects; including modems, control units, multiplexers, concentrators, front-end processors, and etc. 3 credit hours.

Prerequisite(s): (ECE 338 and ECE 414 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 435 Network Programming (3 Credits)

The design and implementation of software applications in a networked environment are emphasized. Topics include a broad overview of network technology, the OSI model, socket programming, multithreading, and web programming. 3 credit hours.

Prerequisite(s): ECE 338

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 436 Artificial Intelligence (3 Credits)

The fundamental principles of artificial intelligence and expert systems are introduced and their application in various areas of science and engineering. 3 credit hours.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 437 Digital Signal Processing (3 Credits)

Application of learned theories/algorithms and available computer technologies to modern image and speech processing problems and emphasized. Characteristics of speech signals, linear predictive coding (LPC) of speech, pitch detection, and LPC speech synthesis, speech recognition, hardware designs for signal process. 3 credit hours.

Prerequisite(s): (ECE 235 and MATH 243)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 438 Power System Analysis (3 Credits)

This course is an introduction to power systems engineering. Topics include complex power, phases, balanced three phases, transformers and per-unit system, transmission line, power flow problem, symmetrical faults and power system controls. 3 credit hours.

Prerequisite(s): (ECE 331 and MATH 243 and PHYS 252)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 439 Applied Cyber Security (3 Credits)

This course addresses information security, ethical and legal practices, and mitigating cyber vulnerabilities. Students will also learn about the cryptography, hardware security, and software security. The content is targeted at ensuring the privacy, reliability, and integrity of information systems. 3 credit hours.

Prerequisite(s): ECE 338

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ECE 441 Senior Project (4 Credits)

Opportunity for seniors to engage in a team project in applied electrical and computer engineering field where integration of knowledge obtained throughout the program is possible. Students are formed into small design groups (typically three students) and assigned a project. In addition to carrying out the design. 4 credit hours.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

Civil Engineering Technology Courses

CIVT 141 Civil Engr Mtls (3 Credits)

Civil Engineering Materials (3) Introduction to materials and equipment for civil engineering construction. Properties and uses discussed of steel, alloys, asphalt, timbers, cement, aggregates, acoustics, etc. Two hours of lecture and two hours of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 223 Water Resource Engineering (3 Credits)

Water Resources Engineering (3) Introduction to the science of hydrology and application. Hydro-meteorology ground-water, hydrographic, storm water control, free surface flow and water quality. Two hours of lecture and two hours of laboratory per week.

Prerequisite(s): (MATH 134)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 224 Soil Engineering (3 Credits)

Soil Mechanics (3) Geotechnical analysis of soils: application of science and engineering principles; methods of exploration, testing, and classification using ASTM and AASHTO laboratory methods. Two hours of lecture and two hours of laboratory per week. Prerequisites: MATH 134 and CIVT 141.

Prerequisite(s): (CIVT 141) and (MATH 134 or MATH 136)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 231 Plane Surveying I (3 Credits)

Surveying I (3) Theory and practice of plane surveying; instruments, measurements of distances, angles, elevations; introduction to traverse, contour, and electronic distance measurements. Two hours of lecture and two hours of laboratory per week. Listed as ENGR 1305 in the Texas Common Course Numbering System.

Prerequisite(s): (MATH 134 or MATH 138)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 232 Statics (3 Credits)

Engineering Mechanics (3) Introduction to applications of equilibrium of rigid bodies, including moments, couples, and moments of inertia. Two hours of lecture and two hours of laboratory per week. Prerequisites: MATH 134 and PHYS 235.

Prerequisite(s): (MATH 134 or MATH 138 and PHYS 237)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 233 Dynamics (3 Credits)

Dynamics (3) Principles of kinetics, kinematics, Newton's laws of motion, vectors, simple harmonic motion, and energy. Two hours of lecture and two hours of laboratory per week. Prerequisite: CIVT 232.

Prerequisite(s): (CIVT 232 and MATH 241)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 234 Surveying II (3 Credits)

Surveying II (3) Continuation of CIVT 231 with emphasis on field work, design, the transit, theodolite, electronic instruments, stake out, contour, topography, and profile leveling. One hour of lecture and four hours of laboratory per week. Prerequisites: MATH 134 and CIVT 231.

Prerequisite(s): (CIVT 231 and MATH 134)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CIVT 301 Environmental Engineering (3 Credits)

Water and Wastewater Engineering (3) Water supply and treatment, wastewater characterization and treatment. Design of units process and operation, transmission and sewerage facilities. Two hours of lecture and two hours laboratory per week. Prerequisites: CHEM 111, CHEM 131. MATH 133, and ELET 130.

Prerequisite(s): (CHEM 111 and CHEM 131 and CIVT 223)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 302 Solid Waste Management (3 Credits)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CIVT 332 Applied Fluid Mechanics (3 Credits)

Applied Fluid Mechanics (3) Fluid mechanics with engineering applications, properties of fluids, pressure, kinematics, energy, and flow through pipes. Two hours of lecture and two hours of laboratory per week. Prerequisites: MATH 134 and CIVT 232.

Prerequisite(s): (CIVT 232 and MATH 241)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 333 Hydraulic Engineering (3 Credits)

Hydraulics Engineering (3) Introduction to quantitative hydrology, open channel flow, flow in conduits, hydraulic structures, flow measurements, and pumps. Two hours of lecture and two hours of laboratory per week. Prerequisite: MATH and CIVT 332.

Prerequisite(s): (CIVT 332)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 334 Transportation Engineering (3 Credits)

Transportation Engineering (3) Study of transportation engineering concepts, planning, traffic flow, capacity analysis, environmental and utility accommodations, and transportation economics analysis. Three hours of lecture per week. Prerequisites: DRFT 132 and CIVT 333.

Prerequisite(s): (CIVT 231)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 335 Geom Des Of Highways (3 Credits)

Geometric Design of Highway (3) Theory and application of the parameters impact the geometric design of highways and other roadways. Two hours of lecture and two hours of laboratory per week. Prerequisite: CIVT 334.

Prerequisite(s): (CIVT 334 and MATH 241)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 336 Structural Analysis (3 Credits)

Structural Analysis (3) Study of determinate structures with emphasis on both the analytical and graphical approaches to trusses and building frames. Three hours of lecture per week. Prerequisites: MATH 241 and CIVT 335.

Prerequisite(s): (MATH 241 and CIVT 338)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 337 Reinforced Concrete Design (3 Credits)

Reinforced Concrete Design (3) Concrete materials and properties, mixing and placement, concrete tests, design of concrete structures, elastic theory, stresses, beams, foundations, columns, and floor slabs. Two hours of lecture and two hours of laboratory per week. Prerequisite: CIVT 231.

Prerequisite(s): CIVT 336

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 338 Strength of Materials (3 Credits)

Strength of Materials (3) Physical properties of engineering materials concepts of stress and loading shear force and bending moments. Design of structural elements. Three hours lecture per week.

Prerequisites: MATH 241, CIVT 232, Physics 235.

Prerequisite(s): (MATH 242 and CIVT 232 and PHYS 237)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 339 Water Resources Engineering (3 Credits)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CIVT 340 Structural Steel Design (3 Credits)

This is a design course that aims at introducing practical structural steel design. The objective is to provide students with the knowledge to properly design steel structures and be able to provide proper construction details for their design. The course will be delivered in classical lectures twice a week. Students attending the class will learn design structural steel elements and connections.

Prerequisite(s): (CIVT 336)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 400 Civil Engr Tech Project (3 Credits)

Problems in Civil Engineering Technology (3) Design of Civil Engineering related projects, apply the necessary criteria, city code approvals, and independent experimental study. One hour of lecture and three hours of laboratory per week. Prerequisite: Consent of the instructor required.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 434 Water & Wastewater Engineering (3 Credits)

Sanitary Engineering (3) Introduction to sanitary microbiology and sanitary chemistry, communicable diseases, solid waste; environmental sanitation; environmental regulations; water and airborne diseases, transmission and control. Two hours of lecture and two hours of laboratory per week.

Prerequisite(s): CIVT 301

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 435 Building Construction (3 Credits)

Building Construction (3) Setting out of construction work, foundations, wallings, concrete slabs, formworks, roofing structures, plumbing and drainages, bridges, commercial and industrial buildings, and estimating. Two hours of lecture and two hours of laboratory per week.

Prerequisite(s): (CIVT 337 and CIVT 340)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CIVT 436 Civ Engr Construction Methods (3 Credits)

Civil Engineering Construction Methods (3) Job planning and management, fundamentals of earth work, setting-out, concrete structural piling, blasting, roads, culverts, drainage, bridges, commercial and industrial buildings, and estimating. Three hours of lecture per week. Prerequisite: CIVT 337.

Prerequisite(s): CIVT 337

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CIVT 437 Traffic Engineering (1 Credits)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

Computer Engineering Technology Courses

CMET 331 Microcomputer Operating System (3 Credits)

Micro Computer Operating Systems (3) Basic functions, structure, and mechanism of modern operating systems; device management, input/output processing, and job management. Three hours of lecture per week. Prerequisite: ELET 243.

Prerequisite(s): (ELET 130)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CMET 412 Senior Project I (1 Credits)

Senior Project I (1) A capstone team project that includes a written proposal, with functional specifications and timetable of a project for approval by faculty members. Prerequisite: Senior status.

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CMET 415 Advanced Microcomp Network Lab (1 Credits)

Advanced Microcomputer Networks Lab (1) Experiments utilizing hardware and software in the design, operation, and analysis of computer networks. Topics include LANS, WANS, networking components and techniques, standards and protocols. Two hours of laboratory per week. Prerequisites: ELET 411 and ELET 434. Co-requisite: CMET 435.

Prerequisite(s): (CMET 435 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CMET 416 Appl of Microproc Software Lab (1 Credits)

Applications of Microprocessor Software Laboratory (1) Practice in writing industrial application programs, such as floating point mathematical routines and special purposes languages utilizing micro assemblers. Two hours of laboratory per week. Co-requisite: CMET 436.

Prerequisite(s): (CMET 436 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CMET 417 Data Communication Mthds Lab (1 Credits)

Data Communication Methods Laboratory (1) Laboratory experiments in data communication devices. Modems, multiplexers, concentrators, frontend processor, error-checking, simplex/duplex transmission, and telecommunications. Two hours of laboratory per week. Co-requisite: CMET 437.

Prerequisite(s): (CMET 437 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CMET 419 Peripheral Hardware Lab (1 Credits)

Microcomputer Peripheral Hardware Laboratory (1) Experiments in the application of microprocessor peripheral hardware and interfacing, including the configuration and construction of a microprocessor system. Two hours of laboratory per week. Prerequisite: ELET 313. Co-requisite: CMET 439.

Prerequisite(s): (CMET 439 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CMET 432 Senior Project II (3 Credits)

Senior Project (4) A capstone team project that includes a written proposal, with functional specifications and timetable of a project for approval by faculty members. Formal oral and written presentations, and a prototype required. Prerequisites: Senior standing, and consent of Faculty Chair.

Prerequisite(s): CMET 412

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CMET 435 Advanced Microcomp Networks (3 Credits)

Advanced Microcomputer Networks (3) Advanced topics in the design, operation, and analysis of microcomputer networks, including internetworking and routers, network management, and etc. Three hours of lecture per week. Prerequisite: ELET 434.

Prerequisite(s): ELET 434

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CMET 436 Appl of Microproc Software (3 Credits)

Applications of Microprocessor Software (3) Utilization of micro assemblers to write floating point mathematical routines, special purpose languages, generate relocatable code, etc. Two hours of lecture and two hours of laboratory per week. Prerequisites: ELET 343 and MATH 242. Co-requisite: CMET 416.

Prerequisite(s): (ELET 333 and CMET 416)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CMET 437 Data Communication Mthds (3 Credits)

Data Communication Methods (3) Study of data communication devices and software, their functional and operational aspects, including modems, control units, multiplexers, concentrators, front-end processors, etc. Three hours of lecture per week. Co-requisite: CMET 417.

Prerequisite(s): (CMET 417 (may be taken concurrently) and MATH 345 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CMET 438 Artificial Intelligence (3 Credits)

Artificial Intelligence (3) The fundamental principles of artificial intelligence and expert systems are introduced and their application in various areas of science and engineering. Two hours of lecture and two hours of laboratory per week. Prerequisites: ELET 422 and Senior standing.

Prerequisite(s): ELET 422

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CMET 439 Microcomp Peripheral Hardware (3 Credits)

Microcomputer Peripheral Hardware (3) Microprocessor peripheral hardware and its interfacing, configuration and construction, including series and parallel I/O and interrupt control devices, bus arbitration, and memory management units. Two hours of lecture and two hours of laboratory per week. Prerequisite: ELET 343. Co-requisite: CMET 419.

Prerequisite(s): (ELET 333 and CMET 419 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

CMET 441 Computer Engr Tech Comp Exam (0 Credits)

Computer Engineering Technology Comprehensive Exam (0) Comprehensive Examination for graduating seniors majoring in Computer Engineering Technology. Prerequisite: Consent of the Faculty Chair.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

CMET 470 Java Programming (3 Credits)

Java Programming (3) High-level, object-oriented language programming using JAVA. The course includes inheritance and polymorphism, implementing, hiding, and the creation of JAVA applets for internet usage. Two hours of lecture and two hours of laboratory per week. Prerequisites: ELET 130, ELET 422, and Senior standing.

Prerequisite(s): (ELET 422)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

Electronics Engineering Technology Courses

ELET 111 DC Circuits Lab (1 Credits)

Direct Current Circuits Laboratory (1) Laboratory activities on electronic circuits, Ohm's law, voltage, current, resistance, and basic test instruments. Two hours of laboratory per week. Corequisite: ELET 131.

Prerequisite(s): (ELET 131)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 112 Electronics I Lab (1 Credits)

Electronics I Laboratory (1) Laboratory experiments on the application, analysis, and measurement of semiconductor devices in basic amplifier circuits. Two hours of laboratory per week. Prerequisite: ELET 133.

Corequisite: ELET 132.

Prerequisite(s): ELET 133

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 113 AC Circuits Lab (1 Credits)

Alternating Current Circuits Laboratory (1) Practical experiences in the measurement and analysis of alternating current with voltage, impedance, and phasor experiments. Two hours of laboratory per week. Corequisite: ELET 133.

Prerequisite(s): (ELET 133 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 114 Electronics I Laboratory (1 Credits)

Electronics I Laboratory (1) Laboratory experiments on the application, analysis, and measurement of semiconductor devices in basic amplifier circuits. Two hours of laboratory per week. Prerequisite: ELET 133. Corequisite: ELET 134.

Prerequisite(s): (ELET 133 and ELET 134 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 130 Intro to Stru Prog with C++ (3 Credits)

Introduction to Structured Programming with C++ (3) Structured methods of developing complex technology computer programs using a high level programming in a networked environment. Use of the C++ language as a problem-solving tool is emphasized. Two hours of lecture and two hours of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 131 DC Circuits (3 Credits)

Direct Current Circuits (3) Direct current topics covered: current, voltage, resistance, power, energy, series and parallel circuits, combination circuits, Ohm's law, Kirchhoff's rules, inductance, capacitance, and magnetism. Three hours of lecture per week. Corequisite: ELET 111.

Prerequisite(s): (ELET 111 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 132 Electronics I (3 Credits)

Electronics I (3) Study of the operation and characteristics of semiconductor devices such as bipolar-junction transistors, diodes, field-effect transistors, and other devices. Three hours of lecture per week.

Prerequisite: ELET 133. Corequisite: ELET 112.

Prerequisite(s): (ELET 133)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 133 AC Circuits (3 Credits)

Alternating Current Circuits (3) Continuation of ELET 131 with studies of alternating current circuits, impedance concepts, network theorems, transformers, passive filters, and response curves. Three hours of lecture per week. Prerequisite: ELET 131. Corequisites: ELET 113 and MATH 134.

Prerequisite(s): (ELET 131 and MATH 134 (may be taken concurrently) and ELET 113 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 134 Electronics I (3 Credits)

Electronics I (3) Study of the operation and characteristics of semiconductor devices such as bipolar-junction transistors, diodes, field-effect transistors, and other devices. Three hours of lecture per week.

Prerequisite: ELET 133. Co-requisite: ELET 114.

Prerequisite(s): (ELET 133) and ELET 114 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 211 Computer Circuit Analysis Lab (1 Credits)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 212 Electronics II Lab (1 Credits)

Electronics II Laboratory (1) Application, design, and evaluate operational amplifiers with feedback configurations, linear and nonlinear circuitry, oscillators, and active filters. Two hours of laboratory per week.

Prerequisite: ELET 132. Corequisite: ELET 232.

Prerequisite(s): (ELET 134) and ELET 232 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 214 Digital Logic Circuits Lab (1 Credits)

Digital Logic Circuits Laboratory (1) Exercises on logic circuits, combinational and sequential logic devices, and flip-flops. Two hours of laboratory per week. Corequisite: ELET 241.

Prerequisite(s): ELET 241 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 215 Digital Systems Lab (1 Credits)

Digital Systems Laboratory (1) Exercises on logic circuits, combinational and sequential logic devices, and flip-flops. Experiments in digital hardware design. Two hours of laboratory per week. Co-requisite: ELET 235.

Prerequisite(s): (ELET 235 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 223 Electric Machines (3 Credits)

Electric Machines (3) Study of polyphase circuits, transformers, DC machines, induction machines, and small AC motors. Two hours of lecture and two hours of laboratory per week. Prerequisite: ELET 133.

Prerequisite(s): ELET 133

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 231 Computer Circuit Analysis (3 Credits)

Prerequisite(s): (ELET 130 and ELET 133)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 232 Electronics II (3 Credits)

Electronics II (3) Design and evaluating of the operational amplifier circuitry with feedback, linear and nonlinear circuitry, oscillators, and active filters. Three hours of lecture per week. Prerequisite: ELET 132. Corequisite: ELET 212.

Prerequisite(s): (ELET 134) and ELET 212 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 235 Digital Systems (3 Credits)

Digital Systems (3) Introduction to digital technology, Boolean algebra, number systems, codes, truth tables, combinational and sequential logic, and logic devices. Study of digital hardware with emphasis on digital circuits such as memory circuits, A/D and D/A converters. Three hours of lecture per week. Prerequisite: ELET 133. Co-requisite: ELET 215.

Prerequisite(s): (ELET 133 and ELET 215 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 241 Digital Logic Circuits (3 Credits)

Digital Logic Circuits (3) Introduction to digital technology, Boolean algebra, number systems, codes, truth tables, combinational and sequential logic, and logic devices. Three hours of lecture per week. Prerequisite: ELET 133. Corequisite: ELET 214.

Prerequisite(s): ELET 133

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 243 Digital Hardware Design (3 Credits)

Digital Hardware Design (3) Study of digital hardware with emphasis on digital circuits such as memory circuits, A/D and D/A converters. Three hours of lecture per week. Prerequisite: ELET 241. Corequisite: ELET 213.

Prerequisite(s): (ELET 241)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 311 Communications Systems Lab (1 Credits)

Communications Systems Laboratory (1) Experiments on oscillators, transmitters, receivers, filters, and transmission lines as related to modern electronic communications techniques. Two hours of laboratory per week. Prerequisite: ELET 232. Corequisite: ELET 331.

Prerequisite(s): (ELET 331 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 312 Control Systems Lab (1 Credits)

Control Systems Laboratory (1) Laboratory experiments on final control elements and closed loop control systems. Two hours of laboratory per week. Prerequisite: ELET 212. Corequisite: ELET 332.

Prerequisite(s): (ELET 332 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 313 Microprocessor Arch Lab (1 Credits)

Microprocessor Architecture Laboratory (1) Experiments to explore the relationship between hardware and software in microprocessors, input/output operations, and assembly language techniques. Two hours of laboratory per week. Corequisite: ELET 333.

Prerequisite(s): (ELET 333 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 322 Integrated Circuits (3 Credits)

Integrated Circuits (3) Study of the design and application of digital and linear integrated circuits. Two hours of lecture and two hours of laboratory per week. Prerequisites: ELET 243.

Prerequisite(s): ELET 243

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 323 Digital Signal Processing (3 Credits)

Digital Signal Processing

Prerequisite(s): (MATH 242 and ELET 243)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 331 Communications Systems (3 Credits)

Communications Systems (3) Study of basic communications systems with emphasis on the applications of Fourier series, Fourier transforms, modulation techniques, and transmission lines. Three hours of lecture per week. Prerequisites: MATH 242 and ELET 232. Corequisite: ELET 311.

Prerequisite(s): (ELET 232 and MATH 242 and ELET 311 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 332 Control Systems (3 Credits)

Control Systems (3) Study of feedback control systems, Laplace transforms, and control modes and methods of implementation by analog and digital means. Three hours of lecture per week. Prerequisite: ELET 232. Corequisites: ELET 312 and MATH 345.

Prerequisite(s): (ELET 232 and ELET 312 (may be taken concurrently) and MATH 345 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 333 Microprocessor Architecture (3 Credits)

Prerequisite(s): (ELET 235 and ELET 313 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 343 Microprocessor Architecture (3 Credits)

Microprocessor Architecture (3) Introduction to microprocessor hardware and software, including: microprocessor principles, organization, machine language programming, and input/output functions. Three hours of lecture per week. Prerequisite: ELET 243. Corequisite: ELET 313.

Prerequisite(s): (ELET 243)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 353 Microprocessors Software Appl (3 Credits)

Microprocessor Software Applications (3) Study of programming microprocessors and microcomputers using assembly language techniques with emphasis on writing industrial application programs for engineering technology. Two hours of lecture and two hours of laboratory per week. Prerequisites: ELET 130.

Prerequisite(s): ELET 130

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 410 Computer Control Sys Lab (1 Credits)

Computer Control Systems Laboratory (3) Experiments on computer control systems with emphasis on the practical aspects of control principles. Two hours of laboratory per week Prerequisite: ELET 343 and ELET 332. Corequisite: ELET 430.

Prerequisite(s): (ELET 430 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 411 Microcomputer Networks Lab (1 Credits)

Microcomputer Networks Laboratory (1) Experiments and written reports where students construct, test, and debug hardware and software components for computer networks. Two hours of laboratory per week. Corequisite: ELET 434.

Prerequisite(s): (ELET 434 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 412 Senior Project Proposal (1 Credits)

Senior Project Proposal (1) Students will submit a written proposal along with functional specifications and timetable of a project for approval by members of faculty. One hour of class per week. Prerequisite: Senior status

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ELET 413 Microprocessor Interfacing Lab (1 Credits)

Microprocessor Interfacing Laboratory (1) Experiments on interfacing microprocessors with emphasis on input/output operations, bus systems, peripheral hardware and software applications. Two hours of laboratory per week. Corequisite: ELET 431.

Prerequisite(s): (ELET 431 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 422 Advanced Struct Prog with C++ (3 Credits)

Advanced Structured Programming with C++ (3) Study of object oriented programming in C++ on workstations with Microsoft C/C++. Prerequisites: Three hours of lecture per week. Prerequisite ELET 130.

Prerequisite(s): ELET 130

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 430 Computer Control System (3 Credits)

Computer Control Systems (3) Analysis and design of control systems with emphasis on control software, programmable controllers, and data acquisitions. Three hours of lecture per week. Prerequisites: ELET 235. Corequisite: ELET 410.

Prerequisite(s): ELET 235 and ELET 332 and (ELET 410 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 431 Microprocessor Interfacing (3 Credits)

Microprocessor Interfacing (3) Study of interfacing with topics on bus timing, input/output timing, serial and parallel input/output methods, subroutine and control signals. Three hours of lecture per week. Prerequisites: ELET 333. Corequisite: ELET 413.

Prerequisite(s): ELET 333 and (ELET 413 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 434 Microcomputer Networks (3 Credits)

Microcomputer Networks (3) Study of networking components and techniques for a microcomputer network, including the study of standards, protocols, LANs, and WANs. Three hours of lecture per week. Prerequisite: ELET 235. Corequisite: ELET 411.

Prerequisite(s): (ELET 235 and ELET 411 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 440 Senior Electronics Project (4 Credits)

Senior Electronics Project (4) Opportunity for seniors to engage in a team project in applied electronics where integration of knowledge obtained throughout the program is possible. Prerequisites: Senior standing and consent of the Faculty Chair.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 441 Electronics Senior Comps (0 Credits)

Electronics Senior Comprehensive (0) Senior Comprehensive examinations for graduating seniors majoring in Electronics Engineering Technology. Students who do not score "Satisfactory" may be required to register in ELET 442 in order to complete the requirements for the course. Prerequisite: Consent of the Faculty Chair.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ELET 442 Special Topics (3 Credits)

Special Topics (3) Direct study, independent study or internship designed to give the student an opportunity to study a particular aspect of the discipline in some depth. Consent of the faculty chair required.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

Engineering Technology Courses

ENGT 111 Intro to Project Mgmt (1 Credits)

The course emphasizes the different aspects of a given engineering project, such as planning, time and cost management, scope management, human resource management, communications management and conflict management. One hour of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ENGT 331 Engineering Economy (3 Credits)

Engineering Economy (3) Overview of the methodologies for evaluating engineering and technology projects in terms of the selection and justification of design alternatives, operating policies, and capital expenditures. Two hours of lecture and two hours of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ENGT 332 Ind Prod & Work Measurements (3 Credits)

Industrial Productivity and Work Measurements (3) Study of industrial productivity and its assessment, measurements, analysis, and improvements with emphasis on human productivity, work design, method analysis, and ergonomics. Two hours of lecture and two hours of laboratory per week

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ENGT 333 Ethics in Prof Eng Practice (1 Credits)

This course develops students' knowledge of: the nature of engineering ethics Legal, professional, and personal definitions of engineering ethics; the value of engineering ethics (varied contemporary and contemporary and historical legal, professional, and personal reasons why an engineer should be ethical and the resolution of ethical delinmas using common ethical dilemmas, identify possible actions to be taken in response, and probable consequences of those actions.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

ENGT 431 Quality Control & Measurements (3 Credits)

Quality Control and Assurance (3) Introduction to statistical quality control methods as applied to design tolerance, process control and process capability. Two hours of lecture and two hours of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ENGT 432 Industrial Quality Control (3 Credits)

Industrial Quality Control (3) Study of quality management and product reliability to reduce defects and/or failures in production processes. Application of SPC control charts and reliability testing to optimize quality control processes. Two hours of lecture and two hours of laboratory per week. Prerequisite: ENGT 431.

Prerequisite(s): (ENGT 431)

College/School: Col of Science, Engr & Tech

Department: (R)Dept of Engineering Tech

ENGT 433 Alternative Energy Tech (3 Credits)

The course discusses the use of solar (thermal and photovoltaic), hydro-electric, wind, geothermal, ocean thermal, wave, tidal and geothermal energy, as well as energy from biomass. The use of fuel-cell and heat pump systems is dealt with. Issues relevant to energy efficiency and energy storage are discussed. The potential of using renewable energy technologies as a complement to, and, to the extent possible, replacement for conventional technologies, and the possibility of combining renewable and nonrenewable energy technologies in hybrid systems are analyzed. Two hours of lecture and two hours of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Department of Engineering

Civil Engineering Technology, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 375)	42
	Major Requirements (p. 375)	57
	Other Requirements (p. 376)	30
	Total Hours	129

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		

ENG 2XX ³		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
SOC 157	Introduction To Sociology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Civil Engineering Technology)

Code	Title	Hours
CIVT 141	Civil Engr Mtls	3
CIVT 223	Water Resource Engineering	3
CIVT 224	Soil Engineering	3
CIVT 231	Plane Surveying I	3
CIVT 232	Statics	3
CIVT 233	Dynamics	3
CIVT 301	Environmental Engineering	3
CIVT 332	Applied Fluid Mechanics	3
CIVT 333	Hydraulic Engineering	3
CIVT 334	Transportation Engineering	3
CIVT 335	Geom Des Of Highways	3
CIVT 336	Structural Analysis	3
CIVT 337	Reinforced Concrete Design	3
CIVT 338	Strength of Materials	3
CIVT 340	Structural Steel Design	3
CIVT 400	Civil Engr Tech Project	3
CIVT 434	Water & Waterwaste Engineering	3
CIVT 435	Building Construction	3
	Technical Elective ¹	3
Total Hours		57

¹ The Technical Elective should be selected from one of the following three-credit courses: MATH 345 Applied Mathematics and Statistics for Scientists and Engineers, MATH 474 Probability & Statistics II, and ENGT 433 Alternative Energy Tech.

Other Requirements

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
ITEC 331	Technical Writing	3
DRFT 336	Computer-Aided Design	3
MATH 134	Plane Trigonometry	3
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
PHYS 213	College Phys Lab I	1
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
ENGR 131	Engineering Graphics	3
FS 102	Freshman Seminar/ first Year Experience	1
ENGT 331	Engineering Economy	3
Total Hours		30

Course	Title	Hours
First Year		
First Semester		
CHEM 111	Chemistry I Lab	1
CHEM 131	Chemistry I	3
ENG 131	Freshman English I	3
CS 116	Intro To Compr Science I	3
MATH 133	College Algebra	3
CIVT 141	Civil Engr Mtls	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		17
Second Semester		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CIVT 224	Soil Engineering	3
ENG 132	Freshman English II	3
MATH 134	Plane Trigonometry	3
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
Hours		16

Second Year		
Third Semester		
ENG 2XX	Upper Level English	3
MATH 241	Calculus & Analytic Geomtry I	4
PHYS 238	College Physics II	3
PHYS 214	College Phys Lab II	1
CIVT 231	Plane Surveying I	3
CIVT 232	Statics	3
Hours		17

Fourth Semester		
CIVT 223	Water Resource Engineering	3
CIVT 233	Dynamics	3
SOC 157	Introduction To Sociology	3
MUSI 239 or ART 131	Fine Arts In Daily Living or Drawing & Composition I	3

MATH 242	Calculus&Analytic Geometry II	4
Hours		16

Third Year		
Fifth Semester		
HIST 231	Soc & Pol Hist US to 1877	3
CIVT 301	Environmental Engineering	3
CIVT 332	Applied Fluid Mechanics	3
CIVT 334	Transportation Engineering	3
CIVT 338	Strength of Materials	3
ENGR 131	Engineering Graphics	3
Hours		18

Sixth Semester		
HIST 232	Soc & Pol Hist US Since 1877	3
CIVT 335	Geom Des Of Highways	3
CIVT 333	Hydraulic Engineering	3
CIVT 336	Structural Analysis	3
CIVT 434	Water & Waterwaste Engineering	3
Hours		15

Fourth Year		
Seventh Semester		
DRFT 336	Computer-Aided Design	3
POLS 235	American Government	3
CIVT 340	Structural Steel Design	3
CIVT 337	Reinforced Concrete Design	3
ENGT 331	Engineering Economy	3
Hours		15

Eighth Semester		
ITEC 331	Technical Writing	3
POLS 236	Texas Government	3
CIVT 400	Civil Engr Tech Project	3
CIVT 435	Building Construction	3
Technical Elective 3XX or 4XX ¹		3
Hours		15
Total Hours		129

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed. *The Technical Elective should be selected from one of the following three-credit courses:

- MATH 345 Applied Mathematics and Statistics for Scientists and Engineers
- MATH 474 Probability & Statistics II
- ENGT 433 Alternative Energy Tech

Civil Engineering, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 377)		43
Major Requirements (p. 377)		61
Other Requirements (p. 377)		22
Total Hours		126

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 241	Calculus & Analytic Geomtry I	4
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
PHYS 251	University Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		43

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Civil Engineering)

Code	Title	Hours
ENGT 111	Intro to Project Mgmt	1
CIVE 141	Civil Engineering Materials	3
CIVE 141L	Civil Engineering Materials Lab	1
CIVE 223	Hydrology and Water Resources	3
CIVE 224	Geotechnical Engineering	3
CIVE 224L	Geotechnical Engineering Lab	1
CIVE 231	Plane Surveying	3

CIVE 232	Statics	3
CIVE 233	Dynamics	3
CIVE 301	Environmental Engineering	3
CIVE 301L	Environmental Engineering Lab	1
CIVE 332	Applied Fluid Mechanics	3
CIVE 333	Hydraulics Engineering	3
CIVE 334	Transportation Engineering	3
CIVE 336	Strength of Materials	3
CIVE 338	Structural Analysis	3
CIVE 339	Reinforced Concrete Design	3
CIVE 340	Structural Steel Design	3
CIVE 430	Engineering Practicum ¹	6
CIVE 434	Water and Wastewater Engineering	3
Technical Elective ²		3
Technical Elective ²		3
Total Hours		61

¹ Non co-op track will allow students to satisfy internship requirement with completion of 6 credit hours in CIVE 400 Problems in Civil Engineering

² Technical Electives may be selected from CIVE 335 Geometric Design of Highways, CIVE 435 Building Construction, ENGR 433 Alternative Energy, CIVE 490 Introduction to Bridge Engineering, & ENGR 480 Construction Management

Other Requirements

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
ENGR 333	Ethics in Prof Engr Practice	1
MATH 242	Calculus&Analytic Geometry II	4
MATH 243	Calculus & Analytic Geo III	4
MATH 251	Differential Equations	3
MATH 345	Applied Mathematics and Statistics for Scientists and Engineers	3
PHYS 217	University Physics Laboratory I	1
PHYS 218	University Physics Laboratory II	1
PHYS 252	University Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		22

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
MATH 241	Calculus & Analytic Geomtry I	4
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
CIVE 141	Civil Engineering Materials	3
CIVE 141L	Civil Engineering Materials Lab	1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16
Second Semester		
ENG 132	Freshman English II	3

MATH 242	Calculus&Analytic Geometry II	4
MUSI 239	Fine Arts In Daily Living	3
CS 116	Intro To Compr Science I	3
CIVE 223	Hydrology and Water Resources	3
ENGT 111	Intro to Project Mgmt	1
Hours		17

Second Year**Third Semester**

ENG 2XX	Upper Level English	3
MATH 243	Calculus & Analytic Geo III	4
CIVE 231	Plane Surveying	3
CIVE 232	Statics	3
PHYS 251	University Physics I	3
PHYS 217	University Physics Laboratory I	1
Hours		17

Fourth Semester

MATH 251	Differential Equations	3
MATH 345	Applied Mathematics and Statistics for Scientists and Engineers	3
CIVE 224	Geotechnical Engineering	3
CIVE 224L	Geotechnical Engineering Lab	1
CIVE 333	Hydraulics Engineering	3
PHYS 252	University Physics II	3
PHYS 218	University Physics Laboratory II	1
Hours		17

Third Year**Fifth Semester**

CIVE 301	Environmental Engineering	3
CIVE 301L	Environmental Engineering Lab	1
CIVE 332	Applied Fluid Mechanics	3
CIVE 334	Transportation Engineering	3
CIVE 336	Strength of Materials	3
POLS 235	American Government	3
Hours		16

Sixth Semester

CIVE 333	Hydraulics Engineering	3
CIVE 338	Structural Analysis	3
CIVE 434	Water and Wastewater Engineering	3
ENGR 333	Ethics in Prof Engr Practice	1
HIST 231	Soc & Pol Hist US to 1877	3
POLS 236	Texas Government	3
Hours		16

Fourth Year**Seventh Semester**

CIVE 339	Reinforced Concrete Design	3
CIVE 340	Structural Steel Design	3
ECON 231	Principles Of Economics I	3
HIST 232	Soc & Pol Hist US Since 1877	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Technical Elective 3XX or 4XX ¹		3
Hours		18

Eighth Semester

CIVE 430	Engineering Practicum ²	6
Technical Elective 3XX or 4XX ¹		3
Hours		9
Total Hours		126

¹ The Technical Elective should be selected from one of the following three-credit courses:

- CIVE 335 Geometric Design of Highways
- CIVE 435 Building Construction
- CIVE 490 Introduction to Bridge Engineering
- ENGR 433 Alternative Energy
- ENGR 480 Construction Management

² Non co-op track will allow students to satisfy internship requirement with completion of 6 credit hours in CIVE 400 Problems in Civil Engineering

Note: Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

Computer Engineering Technology, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p.)		42
Major Requirements (p. 379)		47
Other Requirements (p. 379)		31
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3

POLS 236	Texas Government	3
Social and Behavioral Sciences		
SOC 157	Introduction To Sociology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Computer Engineering Technology)

Code	Title	Hours
ELET 111	DC Circuits Lab	1
ELET 113	AC Circuits Lab	1
ELET 114	Electronics I Laboratory	1
ELET 131	DC Circuits	3
ELET 133	AC Circuits	3
ELET 134	Electronics I	3
ELET 215	Digital Systems Lab	1
ELET 235	Digital Systems	3
ELET 313	Microprocessor Arch Lab	1
ELET 333	Microprocessor Architecture	3
ELET 422	Advanced Struc Prog with C++	3
CMET 412	Senior Project I	1
CMET 416	Appl of Microproc Software Lab	1
CMET 417	Data Communication Mthds Lab	1
CMET 331	Microcomputer Operating System	3
CMET 432	Senior Project II	3
CMET 435	Advanced Microcomp Networks	3
CMET 436	Appl of Microproc Software	3
CMET 437	Data Communication Mthds	3
CMET 438	Artificial Intelligence	3
CMET 441	Computer Engr Tech Comp Exam	0
CMET 470	Java Programming	3
Total Hours		47

Other Requirements

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
ENGT 331	Engineering Economy	3
ENGT 333	Ethics in Prof Eng Practice	1
DRFT 233	Intro Comp-Aided Design	3
ITEC 331	Technical Writing	3
MATH 134	Plane Trigonometry	3
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4

MATH 345	Applied Mathematics and Statistics for Scientists and Engineers	3
PHYS 213	College Phys Lab I	1
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1

Total Hours **31**

Course Title Hours

First Year

First Semester

ELET 111	DC Circuits Lab	1
ELET 131	DC Circuits	3
ENG 131	Freshman English I	3
MATH 133	College Algebra	3
CS 116	Intro To Compr Science I ¹	3
ENGT 333	Ethics in Prof Eng Practice	1
FS 102	Freshman Seminar/ first Year Experience	1

Hours **15**

Second Semester

ELET 113	AC Circuits Lab	1
ELET 133	AC Circuits	3
ENG 132	Freshman English II	3
MATH 134	Plane Trigonometry	3
CHEM 111	Chemistry I Lab	1
CHEM 131	Chemistry I	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3

Hours **17**

Second Year

Third Semester

ELET 114	Electronics I Laboratory	1
ELET 134	Electronics I	3
MATH 241	Calculus & Analytic Geomtry I	4
PHYS 237	College Physics I	3
PHYS 213	College Phys Lab I	1
ENG 2XX		3

Hours **15**

Fourth Semester

ELET 215	Digital Systems Lab	1
ELET 235	Digital Systems	3
MATH 242	Calculus&Analytic Geometry II	4
PHYS 238	College Physics II	3
PHYS 214	College Phys Lab II	1
MUSI 239	Fine Arts In Daily Living	3

Hours **15**

Third Year

Fifth Semester

ELET 313	Microprocessor Arch Lab	1
ELET 333	Microprocessor Architecture	3
MATH 345	Applied Mathematics and Statistics for Scientists and Engineers	3
ENGT 331	Engineering Economy	3

DRFT 233	Intro Comp-Aided Design	3
POLS 235	American Government	3
Hours		16
Sixth Semester		
CMET 331	Microcomputer Operating System	3
ITEC 331	Technical Writing	3
POLS 236	Texas Government	3
ELET 422	Advanced Struc Prog with C++	3
CMET 417	Data Communication Mthds Lab	1
CMET 437	Data Communication Mthds	3
Hours		16
Fourth Year		
Seventh Semester		
CMET 435	Advanced Microcomp Networks	3
CMET 412	Senior Project I	1
CMET 416	Appl of Microproc Software Lab	1
CMET 436	Appl of Microproc Software	3
SOC 157	Introduction To Sociology	3
HIST 231	Soc & Pol Hist US to 1877	3
Hours		14
Eighth Semester		
CMET 438	Artificial Intelligence	3
CMET 470	Java Programming	3
CMET 432	Senior Project II	3
HIST 232	Soc & Pol Hist US Since 1877	3
CMET 441	Computer Engr Tech Comp Exam	0
Hours		12
Total Hours		120

Electrical and Computer Engineering (Computer Engineering Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p.)	43
	Major Requirements (p. 380)	60
	Other Requirements (p. 381)	22
Total Hours		125

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		

MATH 241	Calculus & Analytic Geomtry I	4
Life and Physical Sciences		
CHEM 131	Chemistry I	3
PHYS 251	University Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
ECE 130	Programming Engineering Applications ³	3
Total Hours		43

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² MATH 241 Calculus & Analytic Geomtry I will taken be in lieu of Math 136 to satisfy the mathematics core requirement. For engineering majors only.

³ ECE 130 Programming Engineering Applications will be taken in lieu of CS 116 Intro To Compr Science I to satisfy the institutional option of core requirement.

Major (Electrical and Computer Engineering)

Code	Title	Hours
ECE 110	Introduction to Engineering	1
ECE 111	Engineering Analysis Lab I	1
ECE 131	Circuit Analysis I	3
ECE 211	Circuit AnalysisLab II	1
ECE 215	Digital System Lab	1
ECE 231	Circuit Analysis II	3
ECE 235	Digital System	3
ECE 236	Java Programming	3
ECE 311	Electronics Circuits Lab	1
ECE 312	Microprocessor Arch Laboratory	1
ECE 319	Real-Time Embedded System Lab	1
ECE 330	Engineering Mathematics Analysis	3
ECE 331	Electronic Circuits	3
ECE 332	Microprocessor Architecture	3
ECE 336	Introductory VLSI Design	3
ECE 337	Operating System	3
ECE 338	Computer and Wireless Networks	3
ECE 339	Real-Time Embedded System	3
ECE 414	Data Communications Lab	1

ECE 434	Data Communications	3
ECE 436	Artificial Intelligence	3
ECE 437	Digital Signal Processing	3
ECE 439	Applied Cyber Security	3
ECE 441	Senior Project	4
ECE-ECX		0
Technical Elective ¹		3
Total Hours		60

¹ Technical Electives may be selected from ECE 333 Software Engineering, ECE 435 Network Programming, & ECE 239 Electromechanical Energy Conversions.

Other Requirements

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
ENGR 131	Engineering Graphics	3
ENGT 111	Intro to Project Mgmt	1
MATH 242	Calculus&Analytic Geometry II	4
MATH 243	Calculus & Analytic Geo III	4
MATH 251	Differential Equations	3
PHYS 217	University Physics Laboratory I	1
PHYS 218	University Physics Laboratory II	1
PHYS 252	University Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		22

Course	Title	Hours
First Year		
First Semester		
ECE 110	Introduction to Engineering	1
ECE 130	Programming Engineering Applications	3
ENG 131	Freshman English I	3
ENGR 131	Engineering Graphics	3
MATH 241	Calculus & Analytic Geomtry I	4
ENGT 111	Intro to Project Mgmt	1
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
ECE 131	Circuit Analysis I	3
ECE 111	Engineering Analysis Lab I	1
ENG 132	Freshman English II	3
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
MATH 242	Calculus&Analytic Geometry II	4
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Hours		18

Second Year

Third Semester

ENG 2XX Upper Level English		3
MATH 243	Calculus & Analytic Geo III	4
PHYS 251	University Physics I	3

PHYS 217	University Physics Laboratory I	1
ECE 231	Circuit Analysis II	3
ECE 211	Circuit AnalysisLab II	1
POLS 235	American Government	3
Hours		18

Fourth Semester

MATH 251	Differential Equations	3
PHYS 252	University Physics II	3
PHYS 218	University Physics Laboratory II	1
ECE 235	Digital System	3
ECE 215	Digital System Lab	1
ECE 236	Java Programming	3
POLS 236	Texas Government	3
Hours		17

Third Year

Fifth Semester

ECE 330	Engineering Mathematics Analysis	3
ECE 331	Electronic Circuits	3
ECE 311	Electronics Circuits Lab	1
ECE 332	Microprocessor Architecture	3
ECE 312	Microprocessor Arch Laboratory	1
HIST 231	Soc & Pol Hist US to 1877	3
MUSI 239	Fine Arts In Daily Living	3
Hours		17

Sixth Semester

ECE 336	Introductory VLSI Design	3
ECE 337	Operating System	3
ECE 338	Computer and Wireless Networks	3
ECE 339	Real-Time Embedded System	3
ECE 319	Real-Time Embedded System Lab	1
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		16

Fourth Year

Seventh Semester

ECE 434	Data Communications	3
ECE 414	Data Communications Lab	1
ECE 436	Artificial Intelligence	3
ECON 231	Principles Of Economics I	3
Hours		10

Eighth Semester

ECE 437	Digital Signal Processing	3
ECE 439	Applied Cyber Security	3
Technical Elective ¹		3
ECE 441	Senior Project	4
ECE-ECX ECE Comprehensive Exam		0
Hours		13

Total Hours 125

- ¹ The Technical Elective should be selected from one of the following three-credit courses:
- ECE 239 Electromechanical Energy Conversions
 - ECE 333 Software Engineering
 - ECE 435 Network Programming

Electrical and Computer Engineering (Electrical Engineering Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 382)		43
Major Requirements (p. 382)		61
Other Requirements (p. 382)		21
Total Hours		125

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 241	Calculus & Analytic Geometry I ²	4
Life and Physical Sciences		
CHEM 131	Chemistry I	3
PHYS 251	University Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
ECE 130	Programming Engineering Applications ³	3
Total Hours		43

- ¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

- ² MATH 241 Calculus & Analytic Geometry I will taken be in lieu of Math 136 to satisfy the mathematics core requirement. For engineering majors only.
- ³ ECE 130 Programming Engineering Applications will be taken in lieu of CS 116 Intro To Compr Science I to satisfy the institutional option of core requirement.

Major (Electrical and Computer Engineering)

Code	Title	Hours
ECE 110	Introduction to Engineering	1
ECE 111	Engineering Analysis Lab I	1
ECE 131	Circuit Analysis I	3
ECE 211	Circuit Analysis Lab II	1
ECE 215	Digital System Lab	1
ECE 231	Circuit Analysis II	3
ECE 235	Digital System	3
ECE 311	Electronics Circuits Lab	1
ECE 312	Microprocessor Arch Laboratory	1
ECE 315	Control System Laboratory	1
ECE 319	Real-Time Embedded System Lab	1
ECE 330	Engineering Mathematics Analysis	3
ECE 331	Electronic Circuits	3
ECE 332	Microprocessor Architecture	3
ECE 334	Signal and System	3
ECE 335	Control Systems	3
ECE 338	Computer and Wireless Networks	3
ECE 339	Real-Time Embedded System	3
ECE 412	Communication System Lab	1
ECE 432	Communication Systems	3
ECE 430	Applied Electromagnetic	3
ECE 433	Microwave Engineering	3
ECE 437	Digital Signal Processing	3
ECE 438	Power System Analysis	3
ECE 441	Senior Project	4
ECE-ECX		0
Technical Elective ¹		3
Total Hours		61

- ¹ Technical Electives may be selected from ECE 336 Introductory VLSI Design, ECE 435 Network Programming, ECE 430 Applied Electromagnetic, ECE 333 Software Engineering and ECE 239 Electromechanical Energy Conversions.

Other Requirements

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
ENGR 131	Engineering Graphics	3
FS 102	Freshman Seminar/ first Year Experience	1
MATH 242	Calculus&Analytic Geometry II	4
MATH 243	Calculus & Analytic Geo III	4
MATH 251	Differential Equations	3
PHYS 217	University Physics Laboratory I	1

PHYS 218	University Physics Laboratory II	1
PHYS 252	University Physics II	3
Total Hours		21

¹ Technical Electives may be selected from ECE 336 Introductory VLSI Design, ECE 435 Network Programming ECE 430 Applied Electromagnetic, ECE 333 Software Engineering, & ECE 239 Electromechanical Energy Conversions

Course	Title	Hours
First Year		
First Semester		
ECE 110	Introduction to Engineering	1
ECE 130	Programming Engineering Applications	3
ENG 131	Freshman English I	3
ENGR 131	Engineering Graphics	3
MATH 241	Calculus & Analytic Geomtry I	4
MUSI 239	Fine Arts In Daily Living	3
FS 102	Freshman Seminar/ first Year Experience	1

Hours **18**

Second Semester

ECE 131	Circuit Analysis I	3
ECE 111	Engineering Analysis Lab I	1
ENG 132	Freshman English II	3
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
MATH 242	Calculus&Analytic Geometry II	4

Hours **15**

Second Year

Third Semester

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MATH 243	Calculus & Analytic Geo III	4
PHYS 251	University Physics I	3
PHYS 217	University Physics Laboratory I	1
ECE 231	Circuit Analysis II	3
ECE 211	Circuit AnalysisLab II	1
POLS 235	American Government	3

Hours **18**

Fourth Semester

MATH 251	Differential Equations	3
PHYS 252	University Physics II	3
PHYS 218	University Physics Laboratory II	1
ECE 235	Digital System	3
ECE 215	Digital System Lab	1
ENG 2XX	Upper Level English	3
POLS 236	Texas Government	3

Hours **17**

Third Year

Fifth Semester

ECE 330	Engineering Mathematics Analysis	3
ECE 331	Electronic Circuits	3
ECE 311	Electronics Circuits Lab	1

ECE 332	Microprocessor Architecture	3
ECE 312	Microprocessor Arch Laboratory	1
HIST 231	Soc & Pol Hist US to 1877	3
Hours		14

Sixth Semester

ECE 334	Signal and System	3
ECE 335	Control Systems	3
ECE 315	Control System Laboratory	1
ECE 338	Computer and Wireless Networks	3
ECE 339	Real-Time Embedded System	3
ECE 319	Real-Time Embedded System Lab	1
HIST 232	Soc & Pol Hist US Since 1877	3

Hours **17**

Fourth Year

Seventh Semester

ECE 430	Applied Electromagnetic	3
ECE 432	Communication Systems	3
ECE 412	Communicaton System Lab	1
ECON 231	Principles Of Economics I	3
Technical Elective ¹		3

Hours **13**

Eighth Semester

ECE 433	Microwave Engineering	3
ECE 437	Digital Signal Processing	3
ECE 438	Power System Analysis	3
ECE 441	Senior Project	4
ECE-ECX	ECE Comprehensive Exam	0

Hours **13**

Total Hours **125**

¹ The Technical Elective should be selected from one of the following three-credit courses:
ECE 239 Electromechanical Energy Conversions
ECE 333 Software Engineering
ECE 435 Network Programming

Electronics Engineering Technology, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 384)	42
	Major Requirements (p. 384)	51
	Other Requirements (p. 384)	32
Total Hours		125

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
SOC 157	Introduction To Sociology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Electronic Engineering Technology)

Code	Title	Hours
ELET 111	DC Circuits Lab	1
ELET 113	AC Circuits Lab	1
ELET 114	Electronics I Laboratory	1
ELET 131	DC Circuits	3
ELET 133	AC Circuits	3
ELET 134	Electronics I	3
ELET 212	Electronics II Lab	1
ELET 215	Digital Systems Lab	1
ELET 232	Electronics II	3
ELET 235	Digital Systems	3
ELET 311	Communications Systems Lab	1
ELET 312	Control Systems Lab	1
ELET 313	Microprocessor Arch Lab	1
ELET 331	Communications Systems	3

ELET 332	Control Systems	3
ELET 333	Microprocessor Architecture	3
ELET 410	Computer Control Sys Lab	1
ELET 411	Microcomputer Networks Lab	1
ELET 413	Microprocessor Interfacing Lab	1
ELET 422	Advanced Struc Prog with C++	3
ELET 430	Computer Control System	3
ELET 431	Microprocessor Interfacing	3
ELET 434	Microcomputer Networks	3
ELET 440	Senior Electronics Project	4
ELET 441	Electronics Senior Comps	0
Total Hours		51

Other Requirements

Code	Title	Hours
CHEM 111	Chemistry I Lab	1
ENGT 331	Engineering Economy	3
ENGT 333	Ethics in Prof Eng Practice	1
DRFT 233	Intro Comp-Aided Design	3
ITEC 331	Technical Writing	3
MATH 134	Plane Trigonometry	3
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
MATH 345	Applied Mathematics and Statistics for Scientists and Engineers	3
PHYS 213	College Phys Lab I	1
PHYS 214	College Phys Lab II	1
PHYS 238	College Physics II	3
ENGT 111	Intro to Project Mgmt	1
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		32

Course	Title	Hours
First Year		
First Semester		
ELET 111	DC Circuits Lab	1
ELET 131	DC Circuits	3
MATH 133	College Algebra	3
ENG 131	Freshman English I	3
CS 116	Intro To Compr Science I ¹	3
ENGT 111	Intro to Project Mgmt	1
FS 102	Freshman Seminar/ first Year Experience	1
	Hours	15
Second Semester		
ELET 113	AC Circuits Lab	1
ELET 133	AC Circuits	3
MATH 134	Plane Trigonometry	3
or MATH 136	or Precalculus Math	
ENG 132	Freshman English II	3
CHEM 111	Chemistry I Lab	1
CHEM 131	Chemistry I	3

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
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Hours	17
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Second Year**Third Semester**

ELET 114	Electronics I Laboratory	1
ELET 134	Electronics I	3
MATH 241	Calculus & Analytic Geomtry I	4
PHYS 237	College Physics I	3
PHYS 214	College Phys Lab II	1
ENG 2XX	Upper Level English	3

Hours	15
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Fourth Semester

ELET 212	Electronics II Lab	1
ELET 232	Electronics II	3
MATH 242	Calculus&Analytic Geometry II	4
PHYS 213	College Phys Lab I	1
PHYS 238	College Physics II	3
ELET 215	Digital Systems Lab	1
ELET 235	Digital Systems	3

Hours	16
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Third Year**Fifth Semester**

ELET 313	Microprocessor Arch Lab	1
ELET 333	Microprocessor Architecture	3
MATH 345	Applied Mathematics and Statistics for Scientists and Engineers	3
ENGT 331	Engineering Economy	3
DRFT 233	Intro Comp-Aided Design	3
POLS 235	American Government	3

Hours	16
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Sixth Semester

ELET 311	Communications Systems Lab	1
ELET 331	Communications Systems	3
ITEC 331	Technical Writing	3
ELET 422	Advanced Struc Prog with C++	3
MUSI 239	Fine Arts In Daily Living	3
POLS 236	Texas Government	3
ENGT 333	Ethics in Prof Eng Practice	1

Hours	17
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Fourth Year**Seventh Semester**

ELET 312	Control Systems Lab	1
ELET 332	Control Systems	3
ELET 411	Microcomputer Networks Lab	1
ELET 434	Microcomputer Networks	3
SOC 157	Introduction To Sociology	3
HIST 231	Soc & Pol Hist US to 1877	3

Hours	14
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Eighth Semester

ELET 410	Computer Control Sys Lab	1
ELET 430	Computer Control System	3

ELET 413	Microprocessor Interfacing Lab	1
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ELET 431	Microprocessor Interfacing	3
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ELET 440	Senior Electronics Project	4
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HIST 232	Soc & Pol Hist US Since 1877	3
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ELET 441	Electronics Senior Comps	0
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Hours	15
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Total Hours	125
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Department of Environmental and Interdisciplinary Sciences

Graduate Degree(s):

- Master of Science in (p. 618) Environmental Toxicology (Non-Thesis Option) (p. 618)
- Master of Science in Environmental Toxicology (Thesis Option) (p. 619)
- Doctor of Philosophy in Environmental Toxicology (p. 620)

The Department of Environmental and Interdisciplinary Sciences offers the following degrees, Master of Science (M.S.—both thesis and non-thesis) and the Doctorate of Philosophy (Ph.D.) in Environmental Toxicology. The teaching facilities, research facilities, and faculty members for the Department are housed on the 1st and 3rd floors of the TSU Science Building with the Department Office located in Room 303. In addition to the graduate level programs, the department offers the general education course in Geology (GEOL 141 Introduction To The Earth).

Students interested in pursuing the Master of Science or a Doctorate of Philosophy in Environmental Toxicology should consult the Graduate School Bulletin of Texas Southern University for further information.

Environmental and Interdisciplinary Sciences

GEOL 141 Introduction To The Earth (3 Credits)

Introduction to the Earth (4) Introduction to the study of the earth: the evolution of its landscapes, its weather, its climate, and its place in the universe. Three hours of lecture and one hour of laboratory per week. Listed as GEOL 1403 in the Texas Common Course Numbering System.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

Department of Industrial Technologies

Undergraduate Degree(s):

- Bachelor of Science in Industrial Technology (Construction Technology Concentration) (p. 390)
- Bachelor of Science in Industrial Technology (Design Technology Concentration) (p. 392)

The Bachelor of Science (B.S.) degree in Industrial Technology, with concentrations in Construction Technology (CONS) and Design Technology (DRFT), is offered in the Department of Industrial Technologies. Supporting courses in Cooperative Education (COE), Industrial Technology (ITEC), and Automated Manufacturing Technology

(MFG) are also offered through the Department. Two minors are offered for students pursuing majors in other academic disciplines and who are required to declare a minor in a second academic discipline for graduation. One minor is offered in Industrial Technology, and the other minor is offered in Community Development. All programs are accredited by The Association of Technology, Management, and Applied Engineering (ATMAE). Members of the Department are housed in the Leonard H.O. Spearman Technology Building. Detailed information on concentrations and minors is provided below.

In seeking the B.S. in Industrial Technology through this unit, students may select from two (2) different curriculum concentrations that focus on one of the following areas of concentration: Construction Technology or Design Technology. Students are not required to declare a minor in a second academic discipline in selecting one of the available concentrations. Detailed information on both options leading to the B.S. in Industrial Technology is provided below.

The primary mission of the Department is to offer programs of study designed to prepare students as “management-oriented technical professionals” who have practical knowledge, competencies, skills, and training to serve and function in the Industrial/ Manufacturing Enterprise System. In pursuing this mission, the Department seeks to prepare Industrial Technologists and Technical Managers for career opportunities in the Manufacturing, Construction, and Communications Industries.

Students wishing to earn the B.S. in Industrial Technology must first gain admission to the University, must satisfy TSI requirements and eradicate identified deficiencies through the Student Academic Enhancement Services (SAES), must contact the Department Office while satisfying TSI requirements for advisement, and must petition the Department for admission once TSI requirements have been completed and deficiencies removed. Students wishing to minor in Industrial Technology should contact the Department Office once they have been admitted as majors in other academic units of the University and have met all TSI requirements. **Prior to graduation, all courses required for the degree must be completed with grades of “C” or better (grades below “C”, including “C-”, are unacceptable) and majors must pass an exit examination during their senior year. All transfer students and those students requesting a minor in Industrial Technology must have a GPA of 2.5 or better.**

For the minor in Industrial Technology, twenty-one (21) semester credit hours must be completed with grades of “C” or better (grades below “C”, including “C-”, are unacceptable). Fifteen (15) of the twenty-one (21) credits must be selected from one of three academic disciplines offered through the unit: CONS, DRFT, or MFG. Three (3) additional semester credit hours must be selected from a second of these three disciplines. The last three (3) semester credit hours required must be taken through enrollment in one of the following:

Code	Title	Hours
ITEC 331	Technical Writing	3
ITEC 333	Ind Superv & Management	3
ITEC 439	Industrial Safety	3

Minors must also complete the following two (2) Mathematics courses or their equivalents in conjunction with the designated twenty-one (21) semester credit hours above and with the same grade restrictions: MATH 133 College Algebra and MATH 134 Plane Trigonometry. All programs of study for minors must be approved, in advance, by the Faculty Chair prior to enrollment in courses.

The minor in Community Development represents a comprehensive, interdisciplinary approach that includes courses offered through the unit, as well as courses offered through other units at the University. A total of twenty-one (21) semester credit hours must be completed which are broadly apportioned between theoretical knowledge (18 credits) and experiential learning (3 credits). **Courses enrolled for in seeking this minor must be completed with grades of “C” or better where grades below “C”, including “C-”, are unacceptable.** Students seeking the Community Development minor are required to enroll in the following courses offered through this unit:

Code	Title	Hours
ITEC 131	Intro to Community Develop	3
ITEC 335	Community Development Finance	3
CONS 344	Const Mgmt I	3
CONS 435	Contracts & Specs	3
COE 333	Cooperative Education	3

Outside of this unit, students are required to complete the following two courses in order to complete the minor: SOC 337 Urban Community Life and MGMT 400 Small Business Mgmt.

Students requiring additional information should contact the Department either directly or by calling 713- 313-7679.

- Industrial Technology (Construction Technology Concentration), Bachelor of Science (p. 390)
- Industrial Technology (Design Technology Concentration), Bachelor of Science (p. 392)

Construction Technology Courses

CONS 131 Introduction Const Development (3 Credits)

Construction Methods and Materials I (2) Introduction to the overall construction industry with emphasis on practices, methods, and materials used in various building disciplines. Construction processes also discussed. Two hours of lecture per week. Corequisite: CONS 131L.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 141 Const Methods & Materials (3 Credits)

Construction Methods and Materials II (2) Continuation of CONS 131 with emphasis on masonry, concrete, and construction productivity practices. Two hours of lecture per week. Prerequisite: CONS 131. Corequisite: CONS 141L.

Prerequisite(s): (CONS 131)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 141L Const Meth & Materials II Lab (0 Credits)

Construction Methods and Materials II Laboratory (1) Laboratory exercises in masonry and concrete construction. Two hours of laboratory per week. Prerequisite: CONS 131L. Corequisite: CONS 141.

Prerequisite(s): CONS 131L

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 242 Framing Principles (1 Credits)

Framing Principles (1) Foundation and wall framing techniques essential to residential and light commercial construction and construction details involving form building, bracing, steps, and geometry of roofing systems. One hour of lecture per week. Prerequisite: CONS 131. Corequisite: CONS 242L.

Prerequisite(s): CONS 141

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 242L Framing Principles Lab (2 Credits)

Framing Principles Laboratory (2) Laboratory exercises in foundation and wall framing techniques and construction details for residential and light commercial construction. Four hours of laboratory per week. Prerequisite: CONS 131L. Corequisite: CONS 242.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 243 Energy Effncy in Const (3 Credits)

Energy Efficiency and Construction (1) Sizing, designing, and laying out of electrical and mechanical systems for maximum efficiency in residential and light commercial buildings. Solar and earth energy emphasized. One hour of lecture per week. Prerequisite: CONS 242. Corequisite: CONS 243L.

Prerequisite(s): CONS 242

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 243L Energy Effncy Const Lab (2 Credits)

Energy Efficiency and Construction Laboratory (2) Practices in sizing, designing, and laying out of electrical and mechanical systems for maximum efficiency in residential and light commercial buildings. Four hours of laboratory per week. Prerequisite: CONS 242L. Corequisite: CONS 243.

Prerequisite(s): CONS 242L

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 244 Construction Safety (3 Credits)

Construction Safety (3) Examination of specialized procedures in health, safety, and environmental protection and lost prevention for the construction industry. Requirements of OSHA and other federal and state standards and regulations emphasized. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 331 Models & Presentations (3 Credits)

Models and Presentations (3) Three-dimensional requirements for models using computer-aided drafting techniques and cardboard, plastic, and wood media. Plan reading, scaling, and sketching emphasized. One hour of lecture and four hours of laboratory per week. Prerequisites: DRFT 336, CONS 242, and CONS 242L.

Prerequisite(s): (DRFT 133 and DRFT 232 and CONS 242)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 333 Quantity Surveying (3 Credits)

Quantity Surveying (3) Quantity surveying for construction and engineering along with bid preparation and analysis where computer applications are emphasized. Two hours of lecture and two hours of laboratory per week. Prerequisite: Consent of the instructor.

Prerequisite(s): (CONS 242 and DRFT 133)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 334 Concrete Technology (3 Credits)

Concrete Technology (3) Methods for forming concrete, concrete elements and handling, and reinforced concrete. One hour of lecture and four hours of laboratory per week. Prerequisites: CONS 242, CONS 242L, and DRFT 336.

Prerequisite(s): (CONS 242 and DRFT 133)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 341 MEPFI Systems (3 Credits)

Essentials of Plumbing (3) Study of tools, equipment, and plumbing systems for various job types. Fixture selection and installation emphasized. One hour of lecture and four hours of laboratory per week. Prerequisite: Consent of the instructor.

Prerequisite(s): (CONS 242 and DRFT 232)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 344 Const Mgmt I (3 Credits)

Construction Management I (3) Study of the principles of construction systems management with emphasis on stages of construction, management information systems, and operations management. One hour of lecture and four hours of laboratory per week. Prerequisites: CONS 331 and CONS 334.

Prerequisite(s): CONS 334

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 433 Estimating (3 Credits)

Estimating (3) Instruction in making materials and labor estimates for residential and light commercial buildings primarily from the use of working drawings. One hour of lecture and four hours of laboratory per week. Prerequisites: CONS 242, CONS 242L, and DRFT 232 or the equivalents.

Prerequisite(s): (CONS 242 and DRFT 232 and CONS 333)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 435 Contracts & Specs (3 Credits)

Contracts and Specifications (3) Legal aspects of contracts, specifications, and legal documents along with bidding procedures. Students required to develop contract documents and specifications. Two hours of lecture and two hours of laboratory per week. Prerequisites: Senior standing and consent of the Faculty Chair or instructor.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 436 Const Mgmt II (3 Credits)

Construction Management II (3) Management functions by which construction projects are authorized, financed, supervised, and closed out. Emphasis on the development of effective supervisory and managerial techniques using computer databases. Two hours of lecture and two hours of laboratory per week. Prerequisite: Senior standing or consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 437 Const Problems (3 Credits)

Construction Problems (3) Independent, in-depth study and analysis of special problems related to construction where students must use critical and creative thinking skills for formulating solutions. Three hours of lecture per week. Prerequisites: Senior standing and consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 451 Mechanical Systems (3 Credits)

Mechanical Systems (3) Principles of air conditioning and heating systems used in commercial and residential buildings with emphasis on planning and designing systems. One hour of lecture and four hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

CONS 475 Facilities management (3 Credits)

Facilities Operations (3) Techniques in the overall operation and maintenance of facilities such as schools, housing projects, and municipal buildings. Structural, supervision, and life cycle costing using computer applications emphasized. Two hours of lecture and two hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

Drafting and Design Technology Courses

DRFT 131 Fundamentals Of Drafting (3 Credits)

Fundamentals of Drafting (3) Use and care of drafting instruments, lettering, geometric construction, freehand sketching, and orthographic projections. Introduction to computer aided drafting included. One hour of lecture and four hours of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 132 Descriptive Geometry (3 Credits)

Descriptive Geometry (3) Folding line relationships and notations, auxiliary views, angles between plane revolutions, and intersections. One hour of lecture and four hours of laboratory per week. Prerequisite: DRFT 131.

Prerequisite(s): (DRFT 131)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 133 Architectural Drafting (3 Credits)

Architectural Drafting (3) Fundamental architectural drafting practices related to developing working drawings for residential and light commercial buildings. One hour of lecture and four hours of laboratory per week. Prerequisite: DRFT 131. Listed as ARCH 2201 in the Texas Common Course Numbering System.

Prerequisite(s): (DRFT 131)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 134 Mechanical Drawing (3 Credits)

Mechanical Drawing (3) Emphasis on orthographic and auxiliary projection, threads and fasteners, machine drawings and perspectives. One hour of lecture and four hours of laboratory per week. Prerequisite: DRFT 131.

Prerequisite(s): (DRFT 131)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 136 Architectural Rendering (3 Credits)

Architectural Rendering (3) Artistic requirements in architecture, including emphasis on perspectives, shapes, shadows, and color presentations. One hour of lecture and four hours of laboratory per week. Prerequisite: DRFT 133.

Prerequisite(s): DRFT 133

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 231 Pipe Drafting (3 Credits)

Pipe Drafting (3) Piping terminology, charts, tables, and practices in providing single and double line drawings. One hour of lecture and four hours of laboratory per week. Prerequisite: DRFT 134.

Prerequisite(s): (DRFT 134)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 232 Architectural Design (3 Credits)

Architectural Design (3) Study of the influences, which determine the appearances of architectural structures. One hour of lecture and four hours of laboratory per week. Prerequisite: DRFT 133.

Prerequisite(s): (DRFT 133)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 233 Intro Comp-Aided Design (3 Credits)

Introduction to Computer-Aided Design (3) Basic concepts, operations, and procedures necessary for producing engineering drawings on the computer. One hour of lecture and four hours of laboratory per week. Listed as ARCH 1315 in the Texas Common Course Numbering System.

Prerequisite(s): (DRFT 131)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 331 Pipe System Design (3 Credits)

Pipe System Design (3) Problems in piping design-utilizing vendor furnished equipment specifications and drawings, Smoley's tables, and related control documents. One hour of lecture and four hours of laboratory per week. Prerequisite: DRFT 231. Offered as needed.

Prerequisite(s): (DRFT 231)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 333 Machine Design (3 Credits)

Machine Design (3) Theory and practice of design characteristics for studying gears, cams, and complete assembly drawings of small machines. One hour of lecture and four hours of laboratory per week. Prerequisites: CIVT 232 and DRFT 134. Offered as needed.

Prerequisite(s): (DRFT 134 and DRFT 233)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 336 Computer-Aided Design (3 Credits)

Computer-Aided Design (3) Advanced concepts of computer-aided design (CAD) utilizing the more complex capabilities of the equipment and software. One hour of lecture and four hours of laboratory per week.

Prerequisite(s): (DRFT 232)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 430 Adv Comp-Aided Design (3 Credits)

Advanced Computer-Aided Design (3) Continuation of DRFT 336 with emphasis on the development of three-dimensional designs, script files, and AUTOLISP programming. One hour of lecture and four hours of laboratory per week. Prerequisite: DRFT 336.

Prerequisite(s): DRFT 233

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 431 Structural Drafting and Design (3 Credits)

Structural Drafting (3) Fabrication, connectors and seats for beams, girders, columns, and trusses adhering to AISC standards. One hour of lecture and four hours of laboratory per week. Prerequisite: DRFT 131 and consent of the instructor.

Prerequisite(s): DRFT 133

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

DRFT 432 Senior Design Project (3 Credits)

Senior Design Project (3) Integration of previous knowledge in the development of a design project. One hour of lecture and four hours of laboratory per week. Prerequisites: Senior standing and consent of the Faculty Chair.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

Industrial Technology Courses

ITEC 111 Orientation (1 Credits)

Orientation (1) Orientation to the School of Technology and the University with discussion of career opportunities available in industrial and engineering technology and related area. One hour of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

ITEC 131 Intro to Community Develop (3 Credits)

Introduction to Community Development (3) Introduction to community development with emphasis on community development issues: new construction and rehabilitation, residential and commercial development, and business development. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

ITEC 331 Technical Writing (3 Credits)

Technical Writing (3) Techniques of collecting and presenting technical and scientific data, including definitions, evaluations, basic letters, abstracts, memoranda, and written reports. Three hours of lecture per week. Prerequisite: ENG 131.

Prerequisite(s): (ENG 131 and ENG 132)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

ITEC 333 Ind Superv & Management (3 Credits)

Industrial Supervision and Management (3) Study of management and supervision skills and concepts to enhance interpersonal relationships and motivational factors necessary for productivity in an organized industrial environment. Three hours of lecture per week. Prerequisite: Junior standing and consent of the Faculty Chair.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

ITEC 335 Community Development Finance (3 Credits)

Community Development Finance (3) Explores the financial skills required for the successful operation of a community development corporation within the context of overall economic development finance. Three hours of lecture per week. Prerequisite: ITEC 131.

Prerequisite(s): ITEC 131

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

ITEC 412 Senior Seminar (1 Credits)

Senior Seminar (1) Organized to help senior students prepare to exit the University and to become employed. Emphasis on interviewing skills and resume preparation. One hour of lecture per week. Prerequisite: Senior standing and consent of the Faculty Chair.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

ITEC 437 Driver & Traffic Safety Tech I (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

ITEC 438 Driver & Traff Safety Tech II (3 Credits)

Prerequisite(s): (ITEC 437 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

ITEC 439 Industrial Safety (3 Credits)

Industrial Safety (3) Study of safety management and enforcement techniques in an industrial environment with emphasis on personal safety. Three hours of lecture per week. Prerequisites: Senior standing and consent of the Faculty Chair.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

ITEC 495 Special Topics (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

Automated Manufacturing Technology

MFG 131 Manufacturing Technology I (3 Credits)

Manufacturing Technology I (3) Manufacturing processes for industrial plastics, wood, and wood composite materials. Production methods, process equipment, tooling, jogs, and fixtures for plastics, wood, and wood composites used in manufacturing. One hour of lecture and four hours of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

MFG 231 Manufacturing Processes (3 Credits)

Manufacturing Processes (3) Study of engineering materials and processes as they pertain to the manufacture of industrial products. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

MFG 232 Applied Statics (3 Credits)

Manufacturing Technology II (3) Manufacturing processes for ferrous and non-ferrous metals. Precision machine tool operations, including grinding, drilling, shaping, milling, and turning. One hour of lecture and four hours of laboratory per week. Prerequisite: MFG 131.

Prerequisite(s): MATH 134 or MATH 138 and MFG 232L and PHYS 237

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

MFG 331 CNC Computer Programming (3 Credits)

CNC Computer Programming (3) Theory of computer-aided parts programming. Methods of programming CNC machines; set up and operation with emphasis on two, three, and multiple axis machines, mills, lathes, and robots. One hour of lecture and four hours of laboratory per week. Prerequisite: Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

MFG 332 Robotics Tech (3 Credits)

Robotics Technology (3) Automated technology through the use of industrial robots; theory of electromechanical, hydraulic, and pneumatic robots in manufacturing; robots for processing, assembly, and material handling. One hour of lecture and four hours of laboratory per week. Prerequisite: MFG 331.

Prerequisite(s): MFG 331

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

MFG 333 Strength Of Materials (3 Credits)

Strength of Materials (3) Study of the physical properties of a variety of industrial materials. One hour of lecture and four hours of laboratory per week. Prerequisite: Junior standing and consent of the instructor.

Prerequisite(s): (MATH 134 and PHYS 235)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

MFG 432 Flexible Mfg Systems (3 Credits)

Flexible Manufacturing Systems (3) Introduction to computer integrated manufacturing and flexible manufacturing systems. Planning, organization, and management of automated computer controlled systems. One hour of lecture and four hours of laboratory per week. Prerequisite: MFG 331.

Prerequisite(s): MFG 331

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

MFG 433 Manufacturing Tec Problems (3 Credits)

Manufacturing Technology Problems (3) Individual study of problems in an industrial setting with regard to personnel, material, equipment, and facilities as they relate to manufacturing. One hour of lecture and four hours of laboratory per week. Prerequisites: Senior standing and consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

Cooperative Education Courses

COE 001 COOP EDU TRAINING PROGRAM (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

COE 233 Cooperative Education (3 Credits)

Cooperative Education (3) First training period designed to give students full-time experience in industry. They are introduced to training in concentration areas, are supervised closely, and begin developing interpersonal skills. Forty hours of work experience per week. Prerequisites: completion of at least 30 semester credit hours with minimum GPA of 2.5.

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

COE 235 Cooperative Education (3 Credits)

Cooperative Education (3) Second training period designed to make students assertive in the workplace and aware of gaining upward mobility. Students continue to develop skills in their chosen career areas and are closely supervised. Forty hours of work experience per week. Prerequisite: COE 233.

Prerequisite(s): COE 233

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

COE 333 Cooperative Education (3 Credits)

Cooperative Education (3) Third training period where students continue career related work in their chosen areas. Students exposed to analyzing and evaluating their career choices through training requirements, working conditions, and employment outlook. Forty hours of work experience per week. Prerequisite: COE 235.

Prerequisite(s): COE 235

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

COE 433 Cooperative Education (3 Credits)

Cooperative Education (3) Fourth training period where the student/ employer exposure is well established and students are prepared for full-time employment upon graduation. Variables affecting decision making and other factors enhancing employee-employer relations explored. Forty hours of work experience per week. Prerequisite: COE 333.

Prerequisite(s): COE 333

College/School: Col of Science, Engr & Tech

Department: Dept of Industrial Tech

Industrial Technology (Construction Technology Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 390)	42
	Major Requirements (p. 391)	39
	Other Requirements (p. 391)	44
Total Hours		125

General Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
ART 135	Topics in Contemp Art & Cultur	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3

POLS 236	Texas Government	3
Social and Behavioral Sciences		
ECON 231	Principles Of Economics I	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
or COMM 136	PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Industrial Technology)

Code	Title	Hours
CONS 131	Introduction Const Development	3
CONS 141	Const Methods & Materials	3
CONS 242	Framing Principles and Framing Principles Lab	3
CONS 333	Quantity Surveying	3
CONS 334	Concrete Technology	3
CONS 331	Models & Presentations	3
CONS 341	MEPFI Systems	3
CONS 344	Const Mgmt I	3
CONS 433	Estimating	3
CONS 435	Contracts & Specs	3
CONS 436	Const Mgmt II	3
CONS 437	Const Problems	3
CONS 475	Facilities management	3
Total Hours		39

Other Requirements

Code	Title	Hours
ACCT 231	Principles Of Accounting I ¹	3
CIVT 231	Plane Surveying I	3
DRFT 131	Fundamentals Of Drafting	3
DRFT 133	Architectural Drafting	3
DRFT 232	Architectural Design	3
DRFT 431	Structural Drafting and Design	3
ELET 131	DC Circuits	3
FS 102	Freshman Seminar/ first Year Experience	1
ITEC 331	Technical Writing	3
ITEC 333	Ind Superv & Management	3
ITEC 412	Senior Seminar	1
ITEC 439	Industrial Safety	3
MATH 138	Mathematics for Business and Economics Analysis II	3
MFG 333	Strength Of Materials	3

Elective ²	6
Total Hours	44

¹ MATH 138 Mathematics for Business and Economics Analysis II # prerequisite for ACCT 231 Principles Of Accounting I

² Electives should be selected from the following courses: CIVT 232 Statics, CONS 244 Construction Safety, CONS 243 Energy Efficiency in Const, COE 433 Cooperative Education

Course	Title	Hours
First Year		
First Semester		
ART 135	Topics in Contemp Art & Cultur	3
CONS 131	Introduction Const Development	3
ENG 131	Freshman English I ¹	3
DRFT 131	Fundamentals Of Drafting	3
MATH 133	College Algebra ¹	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
CONS 141	Const Methods & Materials	3
CONS 141L	Const Meth & Materials II Lab	0
CHEM 131	Chemistry I	3
or BIOL 143	or Survey of Life Science	
ELET 131	DC Circuits	3
ENG 132	Freshman English II	3
MATH 138	Mathematics for Business and Economics Analysis II	3
CS 116	Intro To Compr Science I	3
Hours		18

Second Year		
Third Semester		
CIVT 231	Plane Surveying I	3
CONS 242	Framing Principles	1
CONS 242L	Framing Principles Lab	2
DRFT 133	Architectural Drafting	3
ENG 2XX (Upper Level)		3
HIST 231	Soc & Pol Hist US to 1877	3
POLS 235	American Government	3
Hours		18

Fourth Semester		
CONS 334	Concrete Technology	3
DRFT 232	Architectural Design	3
PHYS 237	College Physics I	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
COMM 135	BUSINESS & PROFESSIONAL	3
or COMM 136	COMMUNICATION	
	or PUBLIC ADDRESS	
Hours		18

Third Year		
Fifth Semester		
ECON 231	Principles Of Economics I	3
CONS 333	Quantity Surveying	3

CONS 344	Const Mgmt I	3
ITEC 331	Technical Writing	3
ITEC 333	Ind Superv & Management	3
ITEC 439	Industrial Safety	3
Hours		18
Sixth Semester		
ACCT 231	Principles Of Accounting I	3
CONS 331	Models & Presentations	3
CONS 341	MEPFI Systems	3
CONS 433	Estimating	3
MFG 333	Strength Of Materials	3
Hours		15
Fifth Year		
Seventh Semester		
CONS 436	Const Mgmt II	3
CONS 435	Contracts & Specs	3
DRFT 431	Structural Drafting and Design	3
Elective		3
Hours		12
Eighth Semester		
CONS 437	Const Problems	3
ITEC 412	Senior Seminar	1
CONS 475	Facilities management	3
Elective		3
Comprehensive Examination		0
Hours		10
Total Hours		125

Industrial Technology (Design Technology Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 392)	42
	Major Requirements (p. 392)	39
	Other Requirements (p. 392)	44
Total Hours		125

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra	3

Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
PHYS 237	College Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ³		3
Creative Arts		
ART 135	Topics in Contemp Art & Cultur	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit a s listed.

² (N) represents the number of course credits.

³ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

Major (Industrial Technology)

Code	Title	Hours
DRFT 131	Fundamentals Of Drafting	3
DRFT 133	Architectural Drafting	3
DRFT 134	Mechanical Drawing	3
DRFT 136	Architecural Rendering	3
DRFT 231	Pipe Drafting	3
DRFT 232	Architectural Design	3
DRFT 233	Intro Comp-Aided Design	3
DRFT 331	Pipe System Design	3
DRFT 333	Machine Design	3
DRFT 336	Computer-Aided Design	3
DRFT 430	Adv Comp-Aided Design	3
DRFT 431	Structural Drafting and Design	3
DRFT 432	Senior Design Project	3
Total Hours		39

Other Requirements

Code	Title	Hours
ACCT 231	Principles Of Accounting I ¹	3
CONS 141	Const Methods & Materials	3
CONS 333	Quantity Surveying	3
MFG 232	Appllied Statics	3
ELET 131	DC Circuits	3

FS 102	Freshman Seminar/ first Year Experience	1
ITEC 331	Technical Writing	3
ITEC 333	Ind Superv & Management	3
ITEC 412	Senior Seminar	1
ITEC 439	Industrial Safety	3
MATH 134	Plane Trigonometry	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
MFG 231	Manufacturing Processes	3
MFG 333	Strength Of Materials	3
Electives ²		6
Total Hours		44

¹ MATH 138 Mathematics for Businessand Economics Analysis II # prerequisite for ACCT 231 Principles Of Accounting I

² Electives should be selected from the following courses: DRFT 132 Descriptive Geometry, CONS 341 MEPFI Systems

Course	Title	Hours
First Year		
First Semester		
ART 135	Topics in Contemp Art & Cultur	3
CS 116	Intro To Compr Science I	3
DRFT 131	Fundamentals Of Drafting	3
ENG 131	Freshman English I ¹	3
FS 102	Freshman Seminar/ first Year Experience	1
MATH 133	College Algebra ¹	3
Hours		16

Second Semester		
CONS 141	Const Methods & Materials	3
CONS 141L	Const Meth & Materials II Lab	0
DRFT 134	Mechanical Drawing	3
ELET 131	DC Circuits	3
ENG 132	Freshman English II	3
MATH 134	Plane Trigonometry	3
Hours		15

Second Year

Third Semester		
CHEM 131	Chemistry I	3
ENG 2XX (Upper Level)		3
DRFT 133	Architectural Drafting	3
DRFT 231	Pipe Drafting	3
MFG 231	Manufacturing Processes	3
MATH 138	Mathematics for Businessand Economics Analysis II	3
Hours		18

Fourth Semester

DRFT 136	Architecural Rendering	3
DRFT 232	Architectural Design	3
ACCT 231	Principles Of Accounting I	3
PHYS 237	College Physics I	3

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
Hours		15

Third Year

Fifth Semester		
MFG 232	Appllied Statics	3
DRFT 233	Intro Comp-Aided Design	3
DRFT 333	Machine Design	3
ITEC 333	Ind Superv & Management	3
HIST 231	Soc & Pol Hist US to 1877	3
POLS 235	American Government	3
Hours		18

Sixth Semester

PSY 131	General Psychology	3
DRFT 331	Pipe System Design	3
ITEC 331	Technical Writing	3
MFG 333	Strength Of Materials	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
Hours		18

Fourth Year

Seventh Semester		
DRFT 336	Computer-Aided Design	3
DRFT 431	Structural Drafting and Design	3
ITEC 439	Industrial Safety	3
CONS 333	Quantity Surveying	3
Elective		3
Hours		15

Eighth Semester

DRFT 430	Adv Comp-Aided Design	3
DRFT 432	Senior Design Project	3
ITEC 412	Senior Seminar	1
Elective		3
Comprehensive Exam		0
Hours		10
Total Hours		125

¹ Pending acceptable score on English and Mathematics Placement Examination.

Department of Mathematics

Undergraduate Degree(s):

- Bachelor of Science in Mathematics (p. 398)

Minor(s):

- Mathematics (p. 398)

As one of the largest instructional units in the University, the Department of Mathematics offers courses in Mathematics (MATH), the Bachelor of Science (B.S.) Degree in Mathematics and a minor in Mathematics for students majoring in other academic disciplines at the University. The Department provides major support to the overall undergraduate curriculum at Texas Southern University since every undergraduate

degree or program of study requires the completion of at least three semester credit hours in Mathematics for graduation. Instructional facilities and the Department Office (Room 111K) are located on the first floor of the Science Building. Faculty members are housed on the first floor of the Science Building.

The mission of the Department of Mathematics is to make all students who matriculate through Texas Southern University aware of the role that Mathematics plays in the modern world and to allow them to develop sufficient skills in utilizing the processes and techniques of Mathematics to pursue their chosen fields of study, as well as to deal with mathematical processes on a daily basis. In the realization of this mission, students are prepared for a variety of careers, for negotiating the rigors of various curricula of study that are heavily dependent upon the understanding of mathematical processes, and for graduate study and research.

The goals of the Mathematics program are the following:

- The graduate will have developed learning skills and acquired a firm foundation of knowledge of fundamental mathematical concepts, methods, reasoning and language sufficient to support further academic work or a career in area that requires mathematical understanding.
- The graduate will exhibit understanding of advanced mathematical concepts and analytical skills, and also utilize appropriate technology to develop models for solving problems and analyzing new situations, both in mathematics and in areas that use mathematics.

The Mathematics program Student Learning Outcomes are to:

- Exhibit understanding of advanced mathematical concepts and analytical skills.
- Master the essentials of calculus sufficiently to apply those skills in more advanced mathematics classes.
- Use mathematical modeling to solve problems from fields such as natural sciences, social sciences, business and engineering.
- Apply knowledge relating to set theory, functions, and equivalence relation to advanced mathematics courses.
- Write mathematical proofs when required in upper level and advanced mathematics courses.
- Understand the concepts of random variable, distribution functions, and theoretical versus, simulated probability and apply them to real world situations.

Students wishing to pursue the B.S. Degree in Mathematics are required to declare a minor or a major in a second academic discipline. **All courses completed that are designated for the minor selected must be completed with grades of "C" or better, where grades of "C-" are unacceptable.** In selecting a minor, majors should seek detailed advisement from their designated advisors because the selection of a minor having representative courses in the core curriculum of study could impact the total number of credits required. **In no case will students qualify for graduation at the undergraduate level with fewer than 121 semester credit hours satisfactorily completed.**

Requirements for both the B.S. in Mathematics and the minor in Mathematics are summarized below. **As is the case for courses designated in the minor in other disciplines selected by students pursuing the B.S. in Mathematics, grades of "C" or better, where grades of "C-" are unacceptable, are required in all Mathematics courses designated for the B.S. in Mathematics or major.** This is also the case for

students in other disciplines seeking the minor in Mathematics. Students wishing to pursue either a major (B.S.) or minor in Mathematics must first be admitted to the University, must satisfy TSI Assessment requirements, must eradicate deficiencies assessed at the time of admission through the University Testing Center, and must petition the Department for admission as TSI Assessment requirements or equivalent are completed. Once admitted to the Department, students are assigned an official advisor who must be consulted on a semester or term basis for schedule approval and status verification for progress toward graduation. **An exit examination is required of all graduating seniors pursuing the B.S. in Mathematics. In summary, students must first gain admission to the University; must meet their TSI Assessment or equivalent responsibility; and must petition the Department for admission as TSI Assessment requirements are met.**

Individuals interested in seeking certification for teaching Mathematics in the public schools of Texas should contact the Teacher Certification Officer in the College of Education at Texas Southern University for application instructions. Mathematics courses used in the certification process must be approved through the Department.

Minor in Mathematics, [click here](#) (p. 398).

- Mathematics Minor (p. 398)
- Mathematics, Bachelor of Science (p. 398)

Mathematics Courses

MATH 101 Interdisciplinary Math Lab (0 Credits)

NON-COURSE BASE INTERVENTION: MATHEMATICS Help student develop skills, strategies and reasoning required to succeed in mathematics. Include the study of numeracy and real number system; algebraic concepts, notation and reasoning; quantitative relationships; mathematical models and problem solving. Co-Requisite: MATH 132, MATH 133 or MATH 135.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 130 Fundamental Math (3 Credits)

Fundamental Math (3) Designed to provide students with the concepts and skills necessary for successful performance in college level mathematics. Assists students in passing state-required tests. Provides the academic foundation for success in MATH 131. Three hours of lecture and one hour of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Developmental Studies

MATH 130L Fundamental Math Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Developmental Studies

MATH 131 Developmental Ed Math II (3 Credits)

Analytical Math (3) Designed to provide students with the necessary mathematical foundation to pass freshman level mathematics courses. Assists students in passing state-required tests. Three hours of lecture and one hour of laboratory per week.

College/School: Col of Science, Engr & Tech

Department: Developmental Studies

MATH 131L Analytical Math Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Developmental Studies

MATH 132 Contemporary Mathematics I (3 Credits)

Contemporary Mathematics is a course designed for liberal and fine arts, non-mathematics, and non-business majors. It will provide knowledge of the nature of mathematics as well as training in mathematical thinking and problem solving. Topics may include logic and mathematics reasoning, sets, problem solving, applications, networks, graphs, probability, statistics, geometry, mathematics of finance, and number theory. Three hours of lecture per week. Prerequisite: MATH 131 or a passing score on the mathematics portion of the TSI Assessment. Listed as MATH 1332 in the Texas Common Course Numbering System.

Prerequisite(s): (or or or TSI Exemption TAKS with a score of 2200 or or C-Better Math Resident Stu with a score of 2.00 or C-Better Math Transfer Stu with a score of 2.00) or (and MATH 101 (may be taken concurrently) or MATH 131 or HCCM 131) or TSI MATH Assessment with a score of 350 or (TSI MATH Assessment with a score of 910 and Adult Basic Education MATH with a score of 6) or TSI MATH Assessment with a score of 950

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 133 College Algebra (3 Credits)

College Algebra (3) Concise overview of elementary algebra, including progressions, exponents, radicals, quadratic equations, binomial theorem, inequalities, absolute values, and mathematical induction. Three hours of lecture per week. Prerequisite: MATH 131 or a passing score on the mathematics portion of the ASSET Examination. Listed as MATH 1314 in the Texas Common Course Numbering System.

Prerequisite(s): (or or or TSI Exemption TAKS with a score of 2200 or TSI MATH Assessment with a score of 350 or or C-Better Math Resident Stu with a score of 2.00 or C-Better Math Transfer Stu with a score of 2.00) or (and MATH 101 (may be taken concurrently) or MATH 131 or HCCM 131) or (TSI MATH Assessment with a score of 910 and Adult Basic Education MATH with a score of 6) or TSI MATH Assessment with a score of 950

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 134 Plane Trigonometry (3 Credits)

Plane Trigonometry (3) Definitions and relations of the six trigonometric functions, proofs of formulas, solutions of triangles, trigonometric identities and equations, inverse trigonometric functions. Three hours of lecture per week. Prerequisites: MATH 133 and a passing score on the mathematics portion of the ASSET Examination. Listed as MATH 1316 in the Texas Common Course Numbering System.

Prerequisite(s): MATH 133

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 135 Mathematics for Business and Economic Analysis I (3 Credits)

Mathematics for Business and Economic Analysis (3) Presentation of mathematical theories and approaches as applied to business and economics. Three hours of lecture per week. Prerequisites: MATH 133 and a passing score on the mathematics portion of the ASSET Examination. Listed as MATH 1325 in the Texas Common Course Numbering System.

Prerequisite(s): (or or or TSI Exemption TAKS with a score of 2200 or or C-Better Math Resident Stu with a score of 2.00 or C-Better Math Transfer Stu with a score of 2.00) or (and MATH 101 (may be taken concurrently) or MATH 131 or HCCM 131) or TSI MATH Assessment with a score of 350 or (TSI MATH Assessment with a score of 910 and Adult Basic Education MATH with a score of 6) or TSI MATH Assessment with a score of 950

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 136 Precalculus Math (3 Credits)

Precalculus Mathematics (3) Designed to prepare students for the study of MATH 241. Elementary functions that are differentiated and integrated in calculus stressed, including polynomial, rational, algebraic, exponential, logarithmic, and trigonometric functions. Three hours of lecture per week. Prerequisite: Passing score on the mathematics portion of the ASSET Examination or satisfactory score on placement test. Listed as MATH 2312 in the Texas Common Course Numbering System.

Prerequisite(s): MATH 133

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 137 Contemporary Mathematics II (3 Credits)

Contemporary Mathematics is a course designed for liberal and fine arts, non-mathematics, non-science, and non business majors. It will provide knowledge of the nature of mathematics, as well as training in mathematical thinking and problem solving. Topics include statistics, probability, combinatorics, and game theory. Emphasis will be given to methods and models utilizing these topics in real world applications. Three hours of lecture per week. Pre-Requisites: MATH 132 and MATH 133 or by department consent. Listed as MATH 1333 in the Texas Common Course Numbering System.

Prerequisite(s): (MATH 132 or MATH 133)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 138 Mathematics for Business and Economics Analysis II (3 Credits)

Limits and continuity, derivatives, graphing and optimization, exponential and logarithmic functions, antiderivatives, integration, applications to management, economics, and business. Prerequisites: MATH 135 or MATH 137 or by department consent. (The content level of MATH 138 is expected to be below the content level of Calculus I, MATH 241). Listed as MATH 1325 in the Texas Common Course Numbering System. (formerly MATH 135)

Prerequisite(s): (MATH 133 or MATH 135 or MATH 137)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 231 Elementary Statistics (3 Credits)

Elementary Statistics (3) Basic statistics topics presented for students planning to work in health-related fields. Three hours of lecture per week. Prerequisites: MATH 133 and a passing score on the mathematics portion of the ASSET Examination. Listed as MATH 1342 in the Texas Common Course Numbering System.

Prerequisite(s): (MATH 133 or MATH 135 or MATH 132)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 232 Software Scientific Computing (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 235 Str & App of Numb Sys (3 Credits)

Structure and Application of the Number System (3) Sets, functions, logic, numeration theory, advanced definition perspectives, arithmetic operations (properties and algorithms), rational numbers, system of real numbers, and mathematical applications. Problem solving emphasized. Three hours of lecture per week. Prerequisites: MATH 133 and a passing score on the mathematics portion of the ASSET Examination.

Prerequisite(s): MATH 133

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 236 Fnds of Geom, Stat & Pro (3 Credits)

Foundations of Geometry, Statistics, and Probability (3) Basic concepts and methods of probability, statistics, and geometry, including discrete probability, random events, and conditional probability. Analysis of data, informational display, measurement, and geometry (as approached through similarity and congruence, coordinates, and transformations). Problem solving emphasized. Three hours of lecture per week.

Prerequisite: MATH 235.

Prerequisite(s): MATH 235

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 241 Calculus & Analytic Geomtry I (4 Credits)

Calculus and Analytic Geometry I (4) Inequalities, functions, graphs, straight lines, linear equations, limits, continuity, differentiation, maximum-minimum problems, mean value theorem, related rates, and indefinite integrals. Four hours of lecture per week. Prerequisites: MATH 133 and MATH 134 or MATH 136 or placement by examination. Listed as MATH 2413 in the Texas Common Course Numbering System.

Prerequisite(s): (MATH 133 and MATH 134) or MATH 136

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 242 Calculus&Analytic Geometry II (4 Credits)

Calculus and Analytic Geometry II (4) Definite and indefinite integrals, techniques of integration, transcendental functions, and applications of the definite integral. Four hours of lecture per week. Prerequisite: MATH 241. Listed as MATH 2414 in the Texas Common Course Numbering System.

Prerequisite(s): (MATH 241)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 243 Calculus & Analytic Geo III (4 Credits)

Calculus and Analytic Geometry III (4) Sequences, infinite series, conic sections, polar coordinates, two-dimensional and three-dimensional vectors, parametric equations, partial differentiation, and multiple integrals. Four hours of lecture per week. Prerequisite: MATH 242.

Prerequisite(s): MATH 242

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 250 Linear Algebra (3 Credits)

Linear Algebra (3) A first course in linear algebra designed to provide a minimal foundation in matrix theory, vector spaces, determinants, and linear transformations. Three hours of lecture per week. Prerequisite: MATH 241.

Prerequisite(s): MATH 241

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 251 Differential Equations (3 Credits)

Differential Equations (3) Important methods of solution of ordinary differential equations of the first order and of higher orders with applications to geometry and physics. Three hours of lecture per week. Prerequisites: MATH 242 and MATH 243. (MATH 243 may be taken concurrently.)

Prerequisite(s): (MATH 242)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 252 Intro to Operations Research (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 331 Foundations of Mathematics (3 Credits)

Foundations of Mathematics (3) Transitional mathematics course toward the study of advanced mathematics. Various topics in the foundations of mathematics discussed. Three hours of lecture per week. Prerequisite: MATH 241.

Prerequisite(s): MATH 241

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 332 Introduction to Graph Theory (3 Credits)

Graph theory has been applied to many fields including other branches in mathematics, chemistry, biology and so on. With the current intensive interests in network systems, graph theory becomes even more popular. This course introduces some major topics in graph theory. More specifically, it discusses degrees, isomorphic graph, trees, connectivity, traversability, coloring graphs. If time allows, we will also discuss digraph, matching and factorization.

Prerequisite(s): (MATH 331)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 335 Foundations Of Geometry (3 Credits)

Foundations of Geometry (3) Logic and postulates relating to geometries. Modern plan geometry as developed from Euclidean geometry, measurement, and metric system. Properties of geometric figures, congruence, theory of parallel lines, and noneuclidian geometry. Three hours of lecture per week. Prerequisite: MATH 241.

Prerequisite(s): MATH 241

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 336 Introduction to Abstract Algebra (3 Credits)

Int to Abstract Algebra (3) Introduction to mathematical systems such as groups, rings, and fields. Three hours of lecture per week. Prerequisites: MATH 331.

Prerequisite(s): (MATH 331)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 345 Applied Mathematics and Statistics for Scientists and Engineers (3 Credits)

Applied Mathematics and Statistics for Scientists and Engineers (3) Selected topics in applied differential equations (including transform techniques), linear programming, numerical methods, and statistics with emphasis on applications to the solution of problems in science and engineering. Three hours of lecture per week. Prerequisite: MATH 242.

Prerequisite(s): MATH 242

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 376 Applied Mathematical Analysis (3 Credits)

Applied Mathematical Analysis (3) Vector analysis; algebra and geometry of vectors; vector differential and integral calculus; theorems of Green, Gauss, and Stokes. Three hours of lecture per week. Prerequisite: MATH 314.

Prerequisite(s): MATH 243

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 430 The History Of Mathematics (3 Credits)

The History of Mathematics (3) General view of the development of the elementary branches of mathematics; growth of higher mathematics in the eighteenth and nineteenth centuries. Three hours of lecture per week. Prerequisite: Twelve credits of college mathematics.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 431 Software for Scientific Computing (3 Credits)

This course introduces some of the high-level computing languages and software that are widely used in industry and universities. These software are extremely efficient on matrix operations, and also they focus on numerical computing in interactive environment. In this course, we focus on introducing MATLAB and R language, and give a brief tour of Mathematics. The aim of the course is to have students to learn what these three pieces of software can do and how they can use the tools for their own computing purposes.

Prerequisite(s): (MATH 136 and MATH 231)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 433 Concepts Structure Of Math (3 Credits)

Concepts and Structure of Mathematics (3) Structure of the number system, elements of set theory, properties of real numbers, and basic concepts of mathematical systems. Presented for nonmajors. Three hours of lecture per week. Prerequisite: Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 437 A Surv of Math Ideas (3 Credits)

Contemporary Mathematics and Its Applications (3) Applications of various mathematical topics and mathematical needs of people in some of the trades, professions, and scientific disciplines. Three hours of lecture per week. Prerequisite: MATH 314 or consent of the instructor.

Prerequisite(s): MATH 243

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 439 Introduction to Analysis (3 Credits)

Introduction to Analysis (3) The real number system; elementary point set theory; sequences and series; continuity; possibly topics from differentiation and integration. Three hours of lecture per week. Prerequisites: MATH 243 and MATH 331.

Prerequisite(s): (MATH 243 and MATH 331)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 460 Intro To Complex Analysis (3 Credits)

Introduction to Complex Analysis (3) Complex numbers and complex geometry; limits, continuity, derivatives, and the Cauchy-Riemann equations; analytic and harmonic functions; Cauchy's Integral Theorem and its consequences. Three hours of lecture per week. Prerequisites: MATH 314 and MATH 331.

Prerequisite(s): (MATH 243 and MATH 331)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 461 Introduction to Partial Differential Equations (3 Credits)

Linear Operators: Linear first order equations; the wave equation; the heat equation; Laplace's Equation; Green's Function and Sturm-Liouville problems; Fourier Series; Numerical Solutions. Three hours of lecture per week.

Prerequisite(s): (MATH 251)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 462 Intro To Topology (3 Credits)

Introduction to Topology (3) Topics include metric spaces, connectedness, and compactness. The topology of Euclidean spaces discussed in detail as well as its generalization to nonmetric topological spaces. Three hours of lecture per week. Prerequisites: MATH 314 and MATH 331.

Prerequisite(s): (MATH 243 and MATH 331)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 463 Introduction to Numerical Analysis (3 Credits)

Computer Arithmetic and associated error analysis. Solution of non linear equations. Interpolation and approximation methods. Numerical differentiation and integration. Initial value problems for ordinary differential equations. Three hours of lecture per week.

Prerequisite(s): (MATH 242)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 471 Topics In Math I (3 Credits)

Topics in Mathematics I (3) New developments and trends in mathematics discussed. Three hours of lecture per week. Prerequisite: Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 473 Probability & Statistics I (3 Credits)

Probability and Statistics I (3) Introduction to probability and statistical inference making use of the calculus developed in MATH 241 and MATH 242. Three hours of lecture per week. Prerequisite: MATH 242.

Prerequisite(s): MATH 242

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 474 Probability & Statistics II (3 Credits)

Probability and Statistics II (3) Moments of distributions and Stieltjes integral; joint density functions; conditional means; moment generating functions; sequences of random variables; distribution theory; and hypothesis testing. Three hours of lecture per week. Prerequisite: MATH 473.

Prerequisite(s): MATH 473

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 475 Abstract Algebra (3 Credits)

Abstract Algebra (3) Group theory; Lagrange's Theorem; Isomorphism Theorem; Cayley's Theorem; rings and fields. Three hours of lecture per week. Prerequisite: MATH 336.

Prerequisite(s): MATH 336

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 490 Independent Study Undergrad (3 Credits)

Independent Study: Undergraduate (3) Intensive study of a topic in mathematics under the direction of a faculty member. Prerequisites: Senior standing and consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 498 Capstone Courses in Math (3 Credits)

This course will combine ideas from different areas of mathematics with emphasis on current topics of interest and serve as a capstone course for all mathematics majors. topics vary at instructor's discretion. The course will include student presentations, written projects, mathematical reasoning, problem solving and senior exit exam. Required of all mathematics majors. Pre-Requisite Math 331 and senior standing.

Prerequisite(s): MATH 331

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 499 Seminar (3 Credits)

Seminar (3) Various topics in mathematics discussed. Three hours of lecture per week. Prerequisite: Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

Mathematics Minor

24 semester credit hours are required through enrollment in the following courses:

Code	Title	Hours
MATH 241	Calculus & Analytic Geometry I	4
MATH 242	Calculus & Analytic Geometry II	4
MATH 243	Calculus & Analytic Geo III	4
MATH 250	Linear Algebra	3
MATH 331	Foundations of Mathematics	3
MATH 251	Differential Equations	3
or MATH 439	Introduction to Analysis	
	300-Level or 400-Level Math course	
Total Hours		21

All courses completed that are designated for the minor selected must be completed with grades of "C" or better, where grades of "C-" are unacceptable.

Mathematics, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 398)	42
	Major Requirements (p. 399)	39
	Other Requirements (p. 399)	19
	Minor & Second Major (p. 399)	21
Total Hours		121

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 241	Calculus & Analytic Geometry I ³	4
Life and Physical Sciences		
CHEM 131	Chemistry I	3
	or BIOL 143 Survey of Life Science	
CHEM 132	Chemistry II	3
	or GEOL 141 Introduction To The Earth	
Language, Philosophy, and Culture		
ENG 2XX ⁴		3
Creative Arts		
	Select one of the following: ⁵	3
	MUSI XXX	
	ART XXX	
	THEA XXX	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
	Select one of the following: ⁶	3
	PSY XXX	
	SOC XXX	
	ECON XXX	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
	or COMM 136 PUBLIC ADDRESS	
CS 116	Intro To Compr Science I	3
Total Hours		43

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

- ² (N) represents the number of course credits.
- ³ MATH 241 Calculus & Analytic Geomtry I will be used to satisfy the mathematics core requirement for mathematics majors only.
- ⁴ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)
- ⁵ MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, ART 137 Intro African Art (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323).
- ⁶ PSY 131 General Psychology, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology, ECON 231 Principles Of Economics I or ECON 232 Principles Of Economics II (TCCN: PSYC 2301, SOC 1301, SOC 1306, SOC 2306, ANTH 2346, ECON 2301 or ECON 2302)

Major (Mathematics)

Code	Title	Hours
MATH 242	Calculus&Analytic Geometry II	4
MATH 243	Calculus & Analytic Geo III	4
MATH 250	Linear Algebra	3
MATH 251	Differential Equations	3
MATH 331	Foundations of Mathematics	3
MATH 336	Introduction to Abstract Algebra	3
MATH 439	Introduction to Analysis	3
MATH 473	Probability & Statistics I	3
MATH 498	Capstone Courses in Math	3
Math Electives		
MATH 3XX or 4XX ¹		3
MATH 3XX or 4XX ¹		3
MATH 3XX or 4XX ¹		3
Total Hours		38

¹ Select Math Electives from the Electives List below.

Electives

Code	Title	Hours
MATH 332	Introduction to Graph Theory	3
MATH 335	Foundations Of Geometry	3
MATH 345	Applied Mathematics and Statistics for Scientists and Engineers	3
MATH 376	Applied Mathematical Analysis	3
MATH 430	The History Of Mathematics	3
MATH 431	Software for Scientific Computing	3
MATH 460	Intro To Complex Analysis	3
MATH 461	Introduction to Partial Differential Equations	3
MATH 462	Intro To Topology	3
MATH 463	Introduction to Numerical Analysis	3
"MATH 465	Introduction to Data Science and Machine Learning"	
MATH 471	Topics In Math I	3
MATH 474	Probability & Statistics II	3
MATH 475	Abstract Algebra	3

MATH 490	Independent Study Undergrad	3
MATH 499	Seminar	3

Other Requirements

Code	Title	Hours
CS 117	Intro To Comp Science II	3
PHYS 217	University Physics Laboratory I	1
PHYS 251	University Physics I	3
PHYS 218	University Physics Laboratory II	1
PHYS 252	University Physics II	3
FS 102	Freshman Seminar/ first Year Experience	1
Foreign Language or CS Electives		6
Total Hours		18

Minor/Second Major Requirements

Note: Students interested in receiving a Bachelor of Science Degree in Math and in teaching mathematics grades 8-12 may substitute courses required by the College of Education for educator preparation and certification in place of "Minor Requirements." These courses include:

Code	Title	Hours
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3
EDCI 339	Classrm Mngt	3
EDCI 350	Desgng & Implg Inst/Assessment	3
EDCI 464	DIR STU TCH HS	6
RDG 400	Con Are Rdg	3
RDG 402	Informal Diagnosis	3

Students interested in teaching may also take in leiu of the cross-referenced course below:

Code	Title	Hours
PHYS 213/217	College Phys Lab I	1
PHYS 237/251	College Physics I	3
PHYS 214/218	College Phys Lab II	1
PHYS 238/252	College Physics II	3

* Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

** (N) represents the number of course credits.

*** MATH 241 will be used to satisfy the mathematics core requirement for mathematics majors.

**** ENG 230, ENG 231, ENG 235, or ENG 244 (TCCN: ENGL 2332, ENGL 2333, or ENGL 2326)

***** MUSI 136, MUSI 239, THEA 130, ART 135, ART 137 (TCCN: MUSI 1306, HUMA 1315, DRAM 1310, ARTS 1301, or HUMA 2323).

***** PSY 131, SOC 157, SOC 158, SOC 221, SOC 238, ECON 231 or ECON 232 (TCCN: PSYC 2301, SOC 1301, SOC 1306, SOC 2306, ANTH 2346, ECON 2301 or ECON 2302)

^ Math Electives may be selected from MATH 332, MATH 335, MATH 376, MATH 430, MATH 431, MATH 460, MATH

461, MATH 462, MATH 463, MATH 464, MATH 465, MATH 471, MATH 474, MATH 475, MATH 476, MATH 490, or MATH 499. Some MATH XXX course may have been excluded. MATH 345 cannot be used.

Not required for first time transfer and an additional 1 credit will be needed in place of the course.

Note: Students interested in receiving a Bachelor of Science Degree in Math and in teaching mathematics grades 8-12 may substitute courses required by the College of Education for educator preparation and certification in place of "Approved free electives." These courses include: EDCI 310, EDCI 328, EDCI 339, EDCI 350, EDCI 464, Reading 400 and Reading 402. Students interested in teaching may also take PHYS 213, 237, and PHYS 214, 238 in lieu of PHYS 217, 251 and PHYS 218, 252.

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I ¹	3
MATH 241	Calculus & Analytic Geomtry I ²	4
CHEM 131	Chemistry I	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		14
Second Semester		
ENG 132	Freshman English II	3
MATH 242	Calculus&Analytic Geometry II	4
CHEM 132	Chemistry II	3
	Social and Behavioral Science ³	3
	Creative Arts ⁴	3
Hours		16
Second Year		
Third Semester		
ENG 2XX Any 200	Level ENG may be selected	3
MATH 243	Calculus & Analytic Geo III	4
HIST 231	Soc & Pol Hist US to 1877	3
POLS 235	American Government	3
CS 116	Intro To Compr Science I	3
Hours		16
Fourth Semester		
MATH 250	Linear Algebra	3
	Course in Minor/Second Major Field	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 236	Texas Government	3
CS 117	Intro To Comp Science II	3
Hours		15
Third Year		
Fifth Semester		
MATH 251	Differential Equations	3
MATH 331	Foundations of Mathematics	3
	Foreign Language or CS Elective	3
PHYS 217	University Physics Laboratory I	1
PHYS 251	University Physics I	3

Course in Minor/Second Major Field		3
Hours		16
Sixth Semester		
MATH 336	Introduction to Abstract Algebra	3
MATH 439	Introduction to Analysis	3
	Foreign Language or CS Elective	3
PHYS 218	University Physics Laboratory II	1
PHYS 252	University Physics II	3
Course in Minor/Second Major Field		3
Hours		16
Fourth Year		
Seventh Semester		
MATH 473	Probability & Statistics I	3
	MATH Elective (MATH 3XX or MATH 4XX) ⁵	3
	MATH Elective (MATH 3XX or MATH 4XX) ⁵	3
Course in Minor/Second Major Field		3
Course in Minor/Second Major Field		3
Hours		15
Eighth Semester		
MATH 498	Capstone Courses in Math	3
	MATH Elective (MATH 3XX or MATH 4XX) ⁵	3
Course in Minor/Second Major Field		3
Course in Minor/Second Major Field		3
Hours		12
Total Hours		120

¹ Pending acceptable scores on English and Math Placement Exams.

² MATH 241 Calculus & Analytic Geomtry I will be used to satisfy the mathematics core requirement for mathematics majors only.

³ PSY 131 General Psychology, SOC 157 Introduction To Sociology, SOC 158 Contemporary Social Issues, SOC 221 Soc Of Human Sexuality, SOC 238 Introduction To Anthropology, ECON 231 Principles Of Economics I or ECON 232 Principles Of Economics II

⁴ MUSI 136 Music Appreciation, MUSI 239 Fine Arts In Daily Living, THEA 130 Introduction to Theatre, ART 135 Topics in Contemp Art & Cultur, ART 137 Intro African Art

⁵ Math Electives may be selected from:
MATH 332 Introduction to Graph Theory, MATH 335 Foundations Of Geometry, MATH 345 Applied Mathematics and Statistics for Scientists and Engineers, MATH 376 Applied Mathematical Analysis, MATH 430 The History Of Mathematics, MATH 431 Software for Scientific Computing, MATH 460 Intro To Complex Analysis, MATH 461 Introduction to Partial Differential Equations, MATH 462 Intro To Topology, MATH 463 Introduction to Numerical Analysis, , MATH 471 Topics In Math I, MATH 474 Probability & Statistics II, MATH 475 Abstract Algebra, MATH 490 Independent Study Undergrad, or MATH 499 Seminar.

Note: Students interested in receiving a Bachelor of Science Degree in Math and in teaching mathematics grades 8-12 may substitute courses required by the College of Education for educator preparation and certification in place of "**Minor Requirements.**" These courses include:

Code	Title	Hours
EDCI 310	Field Based I Perf Focus Tchng	3
EDCI 328	Field Based -II Perf Focus Tch	3

EDCI 339	Classrm Mngt	3
EDCI 350	Desngng & Implg Inst/Assessment	3
EDCI 464	DIR STU TCH HS	6
RDG 400	Con Are Rdg	3
RDG 402	Informal Diagnosis	3

Students interested in teaching may also take in lieu of the cross-referenced course below:

Code	Title	Hours
PHYS 213/217	College Phys Lab I	1
PHYS 237/251	College Physics I	3
PHYS 214/218	College Phys Lab II	1
PHYS 238/252	College Physics II	3

Department of Physics

Undergraduate Degree(s):

- Bachelor of Science in Physics (Engineering-Physics Concentration) (p. 407)
- Bachelor of Science in Physics (Premedical-Physics Concentration) (p. 409)

Minor(s):

- Physics (p. 411)

As the Texas top ranked program in undergraduate Physics degrees awarded to African-Americans, the Department of Physics in the College of Science, Engineering and Technology, offers the Bachelor of Science (B.S.) Degree in Physics in two concentrations (1) Engineering Physics and (2) Premedical Physics. Both of these concentrations require 42 credit hours in core classes, 40 credit hours in foundational mathematics and physics classes including two Advanced Physics Elective courses. In addition, the Engineering Physics concentration collectively requires up to 17 credit hours in Engineering and Computer Science Elective classes, respectively while the Premedical Physics concentration requires 31 credit hours in Chemistry, Biology and Psychology.

Of note, the B.S. Degree in Physics is offered through the Texas Physics Consortium (TPC), administered by the Texas A&M University System, under a mutual agreement among several other Physics programs within Texas. This unique program offers a Diploma that bears the seal of the Texas A&M University System, in addition to the seal of Texas Southern University, and the other participating campuses that comprise TPC: Prairie View A&M University, Tarleton State University, Texas A & M Kingsville, Texas A & M Corpus Christi, Midwestern State University, and West Texas A & M University. TSU Physics students benefit from the diverse collective expertise of faculty at these institutions through synchronous on-line Physics classes for junior and senior students.

The goal of the undergraduate Physics program is to help students develop learning skills, problem solving techniques and professional ethics and attitudes that will support their further academic work or future employment in their technical or biomedical career of choice, through the study of physics. Of note, students interested in pharmacy would also benefit greatly in the physics premed concentration. It's not just rocket science: physics is the route to so many careers, from predicting climate change to designing computer games. Find out where physics can take you. It is no coincidence that physics graduates earn the highest scores in professional admission tests such as the MCAT,

LSAT or PE. Hence, the graduate with a Physics degree will exhibit understanding of advanced physical concepts, mathematical and analytical skills, and also utilize technology to develop models for solving problems and analyzing new situations.

The Department of Physics is located on the second floor of the Leonard H. O. Spearman Technology Building and has significant resources on site to assist students and ensure their success. Besides teaching Physics laboratories, the faculty in the Department of Physics conducts research and manages well-equipped Radiation Health Physics, Radio Astronomy, High Performance Computing, and Mathematical Physics laboratories. Physics tutoring and MCAT preparation workshops are routinely offered in a dedicated room.

Students wishing to pursue the B.S. degree in Physics are required to contact the Department of Physics about their intentions and declare a minor or a major in a second academic discipline. All courses completed that are designated for the minor selected must be completed with grades of "C" or better, where grades of "C-" are unacceptable. This grade requirement is more stringent for students interested in teaching physics. The same rule applies to students in other disciplines seeking the minor in Physics. Students wishing to pursue either a major (B.S.) or minor in Physics must first be admitted to the University, must satisfy TSI Assessment requirements, must eradicate deficiencies assessed at the time of admission through the University Testing Center, and must petition the Department for admission as TSI Assessment requirements or equivalent are completed. Once admitted to the program, students are assigned an official faculty advisor who must be consulted on a semester basis for schedule approval and status verification for progress toward graduation. An exit examination is required of all graduating seniors pursuing the B.S. in Physics.

The Department of Physics at TSU has also offered a dedicated health physics program funded by the U.S. Nuclear Regulatory Commission. This program originally began in the fall of 2008 and was the only undergraduate health physics/radiation physics program in Houston. In addition to radiation physics theory and safety fundamentals, students learned basic, technical experiments in the health physics laboratory that are usually designed for first or second year graduate students. The health physics course sequence coupled with the degree plan is being updated and will include:

Code	Title	Hours
PHYS 361	Intro Atom & Rad Phys	3
PHYS 365	Environ Rad Seminar	1
PHYS 374	Radiation Detec I	4
PHYS 475	Radiation Detec II	4
PHYS 477	Rad Protect & Dos	4

Of note, these primary health physics courses have a companion online course at the 400-level. See the course catalog for details.

The Department of Physics strongly encourages students to seek certification for Teaching Physics or Sciences in the public schools of Texas. The Teacher Certification Officer in the College of Education along with a TSU physics faculty member can further guide and advise students wishing to pursue this opportunity.

- Physics (Engineering-Physics Concentration), Bachelor of Science (p. 407)

- Physics (Premedical-Physics Concentration), Bachelor of Science (p. 409)
- Physics Minor (p. 411)

Physics Course Inventory

PHYS 101 Principles of Physics (3 Credits)

Survey of the physical sciences for non-science majors, including introductory physics, astronomy, chemistry, geology, atmospheric and environmental sciences. Three hours of lectures and demonstrations per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 101L Principles of Physical Science Lab (1 Credits)

PHYS 101L Principles of Physical Science Lab (1) Laboratory, Demonstration, and Recitation course in support of PHYS 101. One two hour session per week. Optional co-requisite beginning fall 2014. Course is taught as a co-requisite for students requiring eight (8) credits of Natural Science in the GENERAL EDUCATION CORE CURRICULUM prior to fall 2014. (PHYS 101L is optional for first time college students beginning fall 2014.)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 116 Pre-University Physics Laboratory (1 Credits)

Laboratory, Demonstration, and Recitation course in support of Physics 152. One two hour session per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 152 Pre University Physics (3 Credits)

Introduction to the advanced mathematics required for University Physics I (Phys 251), emphasizing the geometrical, analytical, and computational understanding of differential and integral calculus, vectors, algebraic and computational software. The advanced mathematics is taught from the perspective of physics, emphasizing an intuitive understanding of the integration of physics and mathematics. Three hours of lecture and demonstration.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 205 Physics of Music (4 Credits)

Overview of physics principles impacting the acoustics of musical instruments and the human voice. For non-science majors. Three hours of lecture and one hour demonstration, per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 213 College Phys Lab I (1 Credits)

Laboratory, Demonstration, and Recitation course in support of PHYS 237. One two hour session per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 214 College Phys Lab II (1 Credits)

Laboratory, Demonstration, and Recitation course in support of PHYS 238. One two hour session per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 215 Phys for Engineers Lab I (1 Credits)

Physics Laboratory for Technology and Life Science Students I (1) Experiments in classical mechanics, vibratory motion, and heat to accompany both Physics 235 and Physics 237. Two hours of laboratory per week. Referred to as General Physics I Laboratory in this document. Corequisites: PHYS 235 or 237. Listed as PHYS 1101 in the Texas Common Course Numbering System.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 216 Phys for Engineers Lab II (1 Credits)

Physics Laboratory for Technology and Life Science Students II (1) Experiments in waves, electricity, magnetism, and optics to accompany both Physics 236 and Physics 238. Two hours of laboratory per week. Referred to as General Physics II Laboratory in this document. Corequisites: PHYS 236 or PHYS 238. Listed as PHYS 1102 in the Texas Common Course Numbering System.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 217 University Physics Laboratory I (1 Credits)

College Physics Laboratory I (1) Laboratory, Demonstration, and Recitation course in support of Physics 251. One two hour session per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 218 University Physics Laboratory II (1 Credits)

College Physics Laboratory II (1) Laboratory, Demonstration, and Recitation course in support of Physics 252. One two hour session per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 235 Gen Phys Tech Stu (3 Credits)

General Physics for Technology Students I (3) First part of trigonometry-based introduction to physics for technology students, including classical mechanics, vibratory motion, and heat. Three hours of lecture per week. Corequisite: PHYS 215. Prerequisites: MATH 133 and MATH 134. Listed as PHYS 1301 in the Texas Common Course Numbering System.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 237 College Physics I (3 Credits)

General Physics for Life Science Students I (3) Non-calculus based introductory physics course designed for pharmacy students (lab suggested, although not necessarily concurrently), life sciences and chemistry students, and (non-calculus oriented) engineering students: Newton's laws of mechanics, fluids, waves and thermodynamics. Demonstrated mastery of basic algebra, geometry, trigonometry, and pre-calculus will be assessed during the first week to determine if the student will be required to pursue mandatory concurrent remediation sessions. A sample of test related problems can be found at <http://physics.tsu.edu>. Three lecture and demonstration hours per week. It is recommended, but not required, that the students take the accompanying lab (although not necessarily concurrently): PHYS 213

Prerequisite(s): (MATH 136)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 238 College Physics II (3 Credits)

General Physics for Life Science Students II (3) Second part of trigonometry-based introduction to physics for life science students, including waves, electricity, magnetism, optics, and modern physics. Three hours of lecture per week. Referred to as General Physics II in this document. Corequisite: PHYS 216. Prerequisite: PHYS 237 or PHYS 244.

Prerequisite(s): PHYS 237

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 245 Physics for Engineers I (3 Credits)

Calculus based introductory course from an engineer's perspective: Newton's laws of mechanics, fluids, waves, and thermodynamics. Three lecture and demonstration hours per week. Prerequisites: PHYS 116 and PHYS 152, or MATH 241.

Prerequisite(s): MATH 241

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 246 Physics for Engineers II (3 Credits)

Calculus based introductory course from an engineer's perspective: the laws of electricity and magnetism, electrical circuits, optics, and modern physics. Three lecture and demonstration hours per week. Prerequisite: PHYS 245.

Prerequisite(s): PHYS 245

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 247 Fundamentals of Scientific Programming (3 Credits)

Introduction to scientific programming languages such as Fortran 90, C, C++, Mathematica, etc. Three hours of lecture and demonstrations per week including computational laboratory. Prerequisites: Physics 116 and 152, 251 or Math 241.

Prerequisite(s): (PHYS 251 and MATH 241)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 251 University Physics I (3 Credits)

College Physics I Calculus based, introduction to Newtonian physics impacting mechanics, fluids, waves and thermodynamics. Strong competency in calculus required as measured by department's online guide. Math assessment during first week will determine if student must participate in mandatory remediation sessions. Chair's approval required. Three lecture and demonstration hours per week. The corresponding laboratory is strongly recommended. PHYS 217.

Prerequisite(s): (PHYS 151 and MATH 242)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 252 University Physics II (3 Credits)

University Physics II Introduction to Electricity and Magnetism, optics, and modern physics. This course assumes the student to be able to work with three dimensional scalar and vector field expressions. Chair's approval required. Prerequisite: PHYS 251. Corequisite: PHYS 218.

Prerequisite(s): (PHYS 251)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 329 Intro Mod Phys For Life Sc Stu (3 Credits)

Non-calculus based overview of modern physics with particular emphasis on nuclear and high energy dynamical processes. Prerequisite: PHYS 238. Three hour lecture per week.

Prerequisite(s): PHYS 238

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 330 Intro to Medical Physics (3 Credits)

Prerequisite(s): PHYS 252

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 332 Intro to Modern Physics (3 Credits)

Introduction to Modern Physics (3) Topics in modern physics, including special theory of relativity, introduction to quantum physics, and applications to atomic and nuclear structure. Three hours of lecture per week. Prerequisites: PHYS 251, PHYS 252, PHYS 217, and PHYS 218.

Prerequisite(s): (PHYS 251 and PHYS 252 and PHYS 217 and PHYS 218)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 333 Elec and Mag I (3 Credits)

Electricity and Magnetism I (3) Electric fields, potential, conductors, dielectrics, capacitors, and DC circuits. Three hours of lecture per week. Prerequisites: PHYS 218 and 252. Offered as needed.

Prerequisite(s): (PHYS 248 and PHYS 252)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 334 Electricity & Magnetism II (3 Credits)

Electricity and Magnetism II (3) Magnetic fields, inductance, AC circuits, and electromagnetic theory. Three hours of lecture per week. Prerequisite: PHYS 333. Offered as needed.

Prerequisite(s): PHYS 333

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 335 Mechanics (3 Credits)

Mechanics I (3) Dynamics, kinematics, oscillations, deformable bodies and wave motion. Three hours of lecture per week. Prerequisites: PHYS 218 and PHYS 252. Offered as needed.

Prerequisite(s): (PHYS 218 and PHYS 252)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 336 Thermo & Stat Phys (3 Credits)

Mechanics II (3) Mechanics of a rigid body, Lagrange's equations, and Hamilton's equations. Three hours of lecture per week. Prerequisite: PHYS 335. Offered as needed.

Prerequisite(s): (PHYS 251)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 338 Math Methods I (3 Credits)

Mathematical Methods for Physics I (3) Applications to physics of the following: series, complex numbers, linear equations, partial differentiation, vector analysis, Fourier series, and ordinary differential equations. Three hours of lecture per week. Prerequisites: MATH 242 and PHYS 251. Offered as needed.

Prerequisite(s): (PHYS 251 and MATH 242)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 339 Mathematical Methods II (3 Credits)

Mathematical Methods for Physics II (3) Basic methods in partial differential equations, complex analysis, variational calculus, numerical analysis, etc. Three hours of lecture and demonstrations per week. Prerequisites: Phys 252, Phys 338, and Math 242.

Prerequisite(s): (PHYS 252 and PHYS 338 and MATH 242)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 340 Computational Physics I (3 Credits)

Introduction to basic computational methods in physics, including algebraic software. Three lecture hours per week.

Prerequisite(s): (PHYS 247 and PHYS 252 and PHYS 338 and MATH 242)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 341 Mechanics I (3 Credits)

Mechanics I Intermediate mechanics: forces oscillators, Greens functions, nonlinear systems, rigid body dynamics, fluid dynamics, stress-strain relations. Three lecture hours per week. Pre requisites: Phys 252 and Math 242.

Prerequisite(s): (PHYS 252 and MATH 242)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 342 Computational Physics II (3 Credits)

Computational Physics II (3) Continuation of PHYS 341. Three hours of lecture per week. Prerequisite: PHYS 341.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 344 Electronics (4 Credits)

Electronics (4) Theory and practical operation of modern electronics for students completing Physics 252. Three hours of lecture and three hours of laboratory per week. Prerequisites: PHYS 218 and PHYS 252.

Prerequisite(s): (PHYS 218 and PHYS 252)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 360 Adv Undergrad Lab (2 Credits)

Exposure to the fundamental experiments that shaped modern physics. One three hour laboratory per week. Prerequisite: PHYS 332.

Prerequisite(s): (PHYS 353)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 361 Intro Atom & Rad Phys (3 Credits)

Introduction to atomic and nuclear structure, radiation, radioactive decay, chemical and biological effects of radiation, dosimetry, radiation protection. Three lecture and demonstration hours per week. Prerequisites: PHYS 252 and PHYS 332. Students should also have demonstrated competencies in basic integral calculus, differential equations, and linear algebra.

Prerequisite(s): (PHYS 238 or PHYS 246 or PHYS 252) and (PHYS 354 (may be taken concurrently) or PHYS 329 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 365 Environ Rad Seminar (1 Credits)

Focus on natural and manmade environmental radionuclide sources, radiation biology, protection, and pathways for environmental contamination. Ninety minute lecture and demonstration per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 370 NUC PHYS LAB (1 Credits)

Basic nuclear physics experiments indispensable to radiation detection and measurement. Three hour lab per week.

Prerequisite(s): PHYS 274 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 374 Radiation Detec I (4 Credits)

Comprehensive study of varying types of nuclear detection and measurement equipment, counting statistics and error prediction, etc. Four hours lecture-demonstration per week.

Prerequisite(s): (PHYS 366 (may be taken concurrently) and PHYS 370 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 390 INTRO TO NANO SC & TECH (3 Credits)

Introduction to the basic physics principles and techniques governing nanostructures and their applications. Three lecture hours per week.

Prerequisite(s): (PHYS 353) and (PHYS 360 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 411 Senior Seminar/Workshop I (1 Credits)

Student led, faculty supervised, seminars developed in a workshop format reviewing recent research developments. One three hour session per week. Prerequisite: Advanced Standing.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 412 Senior Seminar/Workshop II (1 Credits)

Continuation of student led seminars developed in a workshop format reviewing recent research developments. One three hour session per week. Prerequisite: Advanced Standing.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 415 Senior Thesis I (1 Credits)

STEM majors with senior standing work on a research topic with a TSU or adjunct faculty. One two hour meeting per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 416 Senior Thesis II (1 Credits)

Continuation of PHYS 415. STEM majors with senior standing work on a research topic with a TSU or adjunct faculty. One two hour meeting per week.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 419 Nuclear Phys for Life Sci Lab (1 Credits)

Introduction to basic experiments in nuclear detection and radiation monitoring for Life Science students. Three hour laboratory per week. Prerequisites: PHYS 361 and 365.

Prerequisite(s): (PHYS 361 and PHYS 365)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 421 Nuclear Mag Reson Lab Life Sci (1 Credits)

Nuclear magnetic resonance based experiments for life sciences students. Three hour laboratory per week. Prerequisites: PHYS 361 and 365.

Prerequisite(s): (PHYS 361 and PHYS 365)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 423 Nuclear Mag lab (1 Credits)

Comprehensive experiments in nuclear magnetic resonance. Three hour laboratory per week.

Prerequisite(s): (PHYS 353)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 424 Rad Bio & Nuc Med Life Sci (1 Credits)

Experiments (for non-physics majors) measuring the effect of radiation on living cells. Three hour laboratory per week. Co-requisite: PHYS 452.

Prerequisite(s): PHYS 452 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 426 Rad Bio Nuc Med lab (1 Credits)

Experiments measuring the effect of radiation on living cells. Three hour laboratory per week. Corequisite: PHYS 454.

Prerequisite(s): PHYS 452 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 431 Mechanics II (3 Credits)

Lagrangian -Hamiltonian formulations of classical mechanics. Three lecture hours. Prerequisites: PHYS 338, PHYS 341, and MATH 242.

Prerequisite(s): (PHYS 338 (may be taken concurrently) and PHYS 341 and MATH 242)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 432 Quantum Mechanics I (3 Credits)

The foundations of quantum mechanics via the Schrodinger representation: bound and scattering states, quantum tunneling, spin, perturbation theory, spin orbit interactions, angular momentum coupling, etc. Three lecture hours per week. Prerequisites: Phys 338, 341, Math 243 and Math 250.

Prerequisite(s): (PHYS 338 and PHYS 341 and MATH 243 and MATH 250)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 433 QUANTUM MECHANICS II (3 Credits)

Quantum Mechanics (3) Basic postulates, Schrodinger's equation, barrier transmission, energy levels in square well, harmonic oscillator and hydrogen atom, angular momentum, perturbation theory. Three hours of lecture per week. Prerequisites: PHYS 334 and PHYS 336. Offered as needed.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 437 Nuclear Physics I (3 Credits)

Study of radioactivity decay law, radioactive dating, nuclear radiation detection, alpha-beta-gamma decay, etc. Three lecture hours and one demonstration hour per week. Pre-requisites: Phys 332, 432.

Prerequisite(s): (PHYS 332 and PHYS 432)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 437L Nuclear Lab I (1 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 451 Computational Phys II (3 Credits)

Introduction to advanced (parallel) computer methods for many body physics, quantum chemistry, nanophysics, and materials science problems. Three lecture hours per week.

Prerequisite(s): PHYS 433 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 452 Rad Bio for Life Sci Stu (3 Credits)

Study of the different types of electromagnetic radiation and the impact on organisms, including beneficial diagnostics and treatment properties. Three lecture hours per week. Prerequisites: PHYS 361 and 365. Co-requisite: PHYS 424.

Prerequisite(s): (PHYS 361 and PHYS 365) and (PHYS 424 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 454 Radiation Biology (3 Credits)

Study of the different types of electromagnetic radiation and the impact on organisms, including beneficial diagnostics and treatment properties. Three lecture hours per week. Prerequisites: PHYS 361 and 365. Corequisite: PHYS 426.

Prerequisite(s): (PHYS 361 and PHYS 365) and (PHYS 426 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 458 MEDICAL IMAGING (3 Credits)

The physics of x-ray computed tomography (CT), magnetic resonance imaging (MRI), nuclear medicine, ultrasound, etc., and their application. Three lecture hours per week. Prerequisites: PHYS 334 and PHYS 432.

Prerequisite(s): (PHYS 334 and PHYS 353)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 467 Nuclear Physics II (2 Credits)

Nuclear Physics II (2) Continuation of PHYS 437, with emphasis on the nuclear reactions, neutron physics, and applications of nuclear physics. Two lecture hours per week. Prerequisites: PHYS 432 and PHYS 437.

Prerequisite(s): (PHYS 366 and PHYS 353)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 471 Intermed Nuc Phys Lab (1 Credits)

Health physics applications and spectroscopy. Three hour session per week. Co-requisite: PHYS 475

Prerequisite(s): PHYS 475 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 472 Nuclear Elec Lab (1 Credits)

Study of pulse processing and shaping, linear and logic pulse functions, multichannel pulse analysis and the NIM and CAMAC Instrumentation Standards. Three hour session per week alternating between lecture and lab format. Prerequisites: PHYS 471 and PHYS 475.

Prerequisite(s): (PHYS 471 and PHYS 475)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 475 Radiation Detec II (4 Credits)

Instrumentation for gamma-radiation, charged particle, and slow/fast neutron detection; background and detector shielding; etc.. Four hours lecture per week. Prerequisites: PHYS 437, and 374. Corequisite: PHYS 471.

Prerequisite(s): (PHYS 366 and PHYS 374) and (PHYS 471 (may be taken concurrently))

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 477 Rad Protect & Dos (4 Credits)

Radiation biology, dosimetry, radiation sources of exposure, health physics instrumentation, standards and regulations. Four lecture hours per week. Prerequisite: PHYS 361.

Prerequisite(s): PHYS 361

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 478 Rad Protect & Dis II (4 Credits)

Continuation of PHYS 477 focusing on radiation protection, practice, environmental monitoring and specialty health physics areas. Four lecture hours per week. Prerequisite: PHYS 477.

Prerequisite(s): PHYS 477

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 481 ENGINEERING PHYS MAT SC (3 Credits)

Study of the theoretical and computational formulations for studying quantum materials. Three lecture hours per week. Corequisite: PHYS 451.

Prerequisite(s): PHYS 451 (may be taken concurrently)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 482 ENG PHYS NANOBIOPHYS (3 Credits)

A first principle's, physics based approach for understanding the dynamics between based nanostructures and bio-chemical molecular structures. Three lecture hours per week. Prerequisites: PHYS 433 and PHYS 451.

Prerequisite(s): (PHYS 433 and PHYS 451)

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 483 Independent Study (2 Credits)

Detailed study of an advanced topic in physics under the guidance of an instructor. Departmental permission required. May be enrolled for up to 4 semester credit hours. Prerequisites: Senior standing and consent of the chair

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 484 Topics in Physics (3 Credits)

Different advanced topics offered, depending on faculty/student interests in all branches of physics: particle physics, astrophysics, space physics, quantum computing, etc. May be repeated for credit as topics vary. Three hours per week. Prerequisites: Senior standing and consent of the chair.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 485 BASIC CON ATOM RAD PHYS I (2 Credits)

Introduction to atomic and nuclear structure, radiation, radiation detection, dosimetry, protection, etc. For professionals with advanced math competency. Two week sessions, two hour classes each day.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 486 BASIC CON ATOM RAD PHYS II (2 Credits)

Introduction to atomic and nuclear structure, radiation, radiation detection, dosimetry, protection, etc. For professionals with advanced math competency. Two week sessions, two hour classes each day.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 487 BASIC CON ATOM RAD PHYS III (2 Credits)

Introduction to atomic and nuclear structure, radiation, radiation detection, dosimetry, protection, etc. For professionals with advanced math competency. Two week sessions, two hour classes each day.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 488 RAD PROTEC & DOS I (4 Credits)

Radiation biology, dosimetry, radiation sources of exposure, standards and regulations, radiation protection practices. For professionals with advanced math competency. Five weeks, two hours per day. Combination of lectures (online) and labs/demonstrations.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 489 RAD PROTEC & DOS II (4 Credits)

Radiation biology, dosimetry, radiation sources of exposure, standards and regulations, radiation protection practices. For professionals with advanced math competency. Five weeks, two hours per day. Combination of lectures (online) and labs/demonstrations.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 490 NUCLEAR INSTRUMENTATION (4 Credits)

Training in nuclear detection and measurement instrumentation. Five weeks, two hours per day. For professionals with advanced math competency. Lectures and Lab/Demonstrations.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 491 NUC PHYS LAB I (2 Credits)

Basic experiments exploiting Geiger Muller counters. Two weeks, three hours per day. For professionals with advanced math competency. Lectures and Lab/Demonstrations.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 492 Nuclear Phys Lab II (5 Credits)

Basic experiments in radiation protection and radiation biology. Two weeks, three hours per day. For professionals with advanced math competency. Lectures and Lab/Demonstrations.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 493 Nuclear Phys Lab III (5 Credits)

Experiments emphasizing Nuclear Instrument Module (NIM) equipment, including basic nuclear electronics experiments. Two weeks, three hours per day. For professionals with advanced math competency. Lectures and Lab/Demonstrations.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 494 Intro Nuclear Physics I (2 Credits)

Basic nuclear structure. Two weeks, two hours per day. For professionals with advanced math competency.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 495 INTRO NUC PHYS II (2 Credits)

Independent Study (2) Detailed study of an advanced topic in physics under the guidance of an instructor. Consent of the Department required. May be enrolled for up to 4 semester credit hours.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 496 Intro Nuclear Physics II (2 Credits)

Basic nuclear structure. Two weeks, two hours per day. For professionals with advanced math competency.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 497 Topics in Physics (3 Credits)

Topics in Physics (3) Current topics in the various branches of physics such as quantum mechanics, space physics, solid state physics, atomic and nuclear physics, and biophysics. May be repeated for credit as topics vary. Three hours of lecture per week. Prerequisites: senior standing and consent of the department chair.

College/School: Col of Science, Engr & Tech

Department: Department of Physics

PHYS 499 Drug Design (3 Credits)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Physics

Physics (Engineering-Physics Concentration), Bachelor of Science

As the Texas top ranked program in undergraduate Physics degrees awarded to African-Americans, the Department of Physics in the College of Science, Engineering and Technology, offers the Bachelor of Science (B.S.) Degree in Physics in two concentrations: (1) Engineering Physics and (2) Premedical Physics. Both of these concentrations require 42 credit hours in core classes, 40 credit hours in foundational mathematics and physics classes including two Advanced Physics Elective courses. In addition, the Engineering Physics concentration collectively requires up to 17 credit hours in Engineering and Computer Science Elective classes, respectively while the Premedical Physics concentration requires 31 credit hours in Chemistry, Biology and Psychology.

Of note, the B.S. Degree in Physics is offered through the Texas Physics Consortium (TPC), administered by the Texas A&M University System, under a mutual agreement among several other Physics programs within Texas. This unique program offers a Diploma that bears the seal of the Texas A&M University System, in addition to the seal of Texas Southern University, and the other participating campuses that comprise TPC: Prairie View A&M University, Tarleton State University, Texas A & M Kingsville, Texas A & M Corpus Christi, Midwestern State University, and West Texas A & M University. TSU Physics students benefit from the diverse collective expertise of faculty at these institutions through synchronous on-line Physics classes for junior and senior students.

The goal of the undergraduate Physics program is to help students develop learning skills, problem solving techniques and professional ethics and attitudes that will support their further academic work or future employment in their technical or biomedical career of choice, through the study of physics. Of note, students interested in pharmacy would also benefit greatly in the physics premed concentration. It's not just rocket science: physics is the route to so many careers, from predicting climate change to designing computer games. Find out where physics can take you. It is no coincidence that physics graduates earn the highest scores in professional admission tests such as the MCAT, LSAT or PE. Hence, the graduate with a Physics degree will exhibit understanding of advanced physical concepts, mathematical and analytical skills, and also utilize technology to develop models for solving problems and analyzing new situations.

The Department of Physics is located on the second floor of the Leonard H. O. Spearman Technology Building and has significant resources on site

to assist students and ensure their success. Besides teaching Physics laboratories, the faculty in the Department of Physics conducts research and manages well-equipped Radiation Health Physics, Radio Astronomy, High Performance Computing, and Mathematical Physics laboratories. Physics tutoring and MCAT preparation workshops are routinely offered in a dedicated room.

Students wishing to pursue the B.S. degree in Physics are required to contact the Department of Physics about their intentions and declare a minor or a major in a second academic discipline. All courses completed that are designated for the minor selected must be completed with grades of "C" or better, where grades of "C-" are unacceptable. This grade requirement is more stringent for students interested in teaching physics. The same rule applies to students in other disciplines seeking the minor in Physics. Students wishing to pursue either a major (B.S.) or minor in Physics must first be admitted to the University, must satisfy TSI Assessment requirements, must eradicate deficiencies assessed at the time of admission through the University Testing Center, and must petition the Department for admission as TSI Assessment requirements or equivalent are completed. Once admitted to the program, students are assigned an official faculty advisor who must be consulted on a semester basis for schedule approval and status verification for progress toward graduation. An exit examination is required of all graduating seniors pursuing the B.S. in Physics.

The Department of Physics at TSU has also offered a dedicated health physics program funded by the U.S. Nuclear Regulatory Commission. This program originally began in the fall of 2008 and was the only undergraduate health physics/radiation physics program in Houston. In addition to radiation physics theory and safety fundamentals, students learned basic, technical experiments in the health physics laboratory that are usually designed for first or second year graduate students. The health physics course sequence coupled with the degree plan is being updated and will include: Introduction to Atomic and Radiation Physics (PHYS 361); Environmental Radioactivity Seminar (PHYS 365); Radiation Detection I (PHYS 374); Radiation Detection II (PHYS 475); Radiation Protection and Dosimetry I (PHYS 477). Of note, these primary health physics courses have a companion online course at the 400-level. See the course catalog for details.

The Department of Physics strongly encourages students to seek certification for Teaching Physics or Sciences in the public schools of Texas. The Teacher Certification Officer in the College of Education along with a TSU physics faculty member can further guide and advise students wishing to pursue this opportunity.

The minor in Physics requires 19 semester credit hours for the following courses:

- University Physics I (PHYS 251) and University Physics I Laboratory (PHYS 217)
- University Physics II (PHYS 252) and University Physics II Laboratory (PHYS 218)
- Modern Physics (PHYS 332)
- Electricity and Magnetism (PHYS 333) OR Thermodynamics and Statistical Physics (PHYS 336)
- Mechanics (PHYS 341)
- Physics Senior Thesis I and II sequence (PHYS 415 and PHYS 416) OR any 400-Level Physics course

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 408)		42
Major Requirements (p. 408)		40
Other Requirements (p. 408)		38
Total Hours		120

General Education Core Curriculum (Standard)

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 136	Precalculus Math	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
PHYS 251	University Physics I	3
Language, Philosophy, and Culture		
ENG 2XX		3
Creative Arts		
MUSI 136	Music Appreciation	3
or ART 135	Topics in Contemp Art & Cultur	
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		3
ECON 231	Principles Of Economics I	
SOC 157	Introduction To Sociology	
PSY 131	General Psychology	
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CHEM 132	Chemistry II	3
Total Hours		42

Major (Physics)

Code	Title	Hours
PHYS 152	Pre University Physics	3
PHYS 217	University Physics Laboratory I	1
PHYS 252	University Physics II	3
PHYS 218	University Physics Laboratory II	1
PHYS 332	Intro to Modern Physics	3
PHYS 333	Elec and Mag I	3
PHYS 336	Thermo & Stat Phys	3

PHYS 338	Math Methods I	3
PHYS 341	Mechanics I	3
PHYS 360	Adv Undergrad Lab	2
PHYS 415	Senior Thesis I	1
PHYS 416	Senior Thesis II	1
PHYS 432	Quantum Mechanics I	3
PHYS 437	Nuclear Physics I	3
PHYS 483	Independent Study	2
PHYS 484	Topics in Physics	3
Total Hours		38

Other Requirements

Code	Title	Hours
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
MATH 243	Calculus & Analytic Geo III	4
MATH 250	Linear Algebra	3
MATH 251	Differential Equations	3
FS 102	Freshman Seminar/ first Year Experience	1
CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
CS 120	Introduction to Programming Using C++	3
CS 124	Fund Machine Computation	3
CS 241	Advanced OOP Using C++	3
Engineering Electives		
Select one group from the following:		8
Group 1		
ECE 131	Circuit Analysis I	
ECE 311	Electronics Circuits Lab	
ECE 231	Circuit Analysis II	
ECE 211	Circuit AnalysisLab II	
Group 2		
CIVE 141	Civil Engineering Materials	
CIVE 141L	Civil Engineering Materials Lab	
CIVE 224	Geotechnical Engineering	
CIVE 224L	Geotechnical Engineering Lab	
Total Hours		38

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
PHYS 152	Pre University Physics	3
FS 102	Freshman Seminar/ first Year Experience	1
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
MATH 136	Precalculus Math	3
Hours		14

Second Semester		
ENG 132	Freshman English II	3
PHYS 251	University Physics I	3
PHYS 217	University Physics Laboratory I	1

CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
MATH 241	Calculus & Analytic Geomtry I	4
Hours		15

Second Year**Third Semester**

HIST 231	Soc & Pol Hist US to 1877	3
PHYS 252	University Physics II	3
PHYS 218	University Physics Laboratory II	1
MATH 242	Calculus&Analytic Geometry II	4
POLS 235	American Government	3
CS 120	Introduction to Programming Using C++	3
Hours		17

Fourth Semester

HIST 232	Soc & Pol Hist US Since 1877	3
PHYS 332	Intro to Modern Physics	3
CS 124	Fund Machine Computation	3
MATH 243	Calculus & Analytic Geo III	4
POLS 236	Texas Government	3
Hours		16

Third Year**Fifth Semester**

MATH 250	Linear Algebra	3
PHYS 336	Thermo & Stat Phys	3
PHYS 341	Mechanics I	3
Engineering Elective 1 ¹		3
LAB: Engineering Elective 1		1
CS 241	Advanced OOP Using C++	3
Hours		16

Sixth Semester

MATH 251	Differential Equations	3
PHYS 360	Adv Undergrad Lab	2
Engineering Elective 2 ²		3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
LAB: Engineering Elective 2 ²		3
ENG 2XX - Upper Level English ³		3
Hours		17

Fourth Year**Seventh Semester**

PHYS 333	Elec and Mag I	3
PHYS 415	Senior Thesis I	1
PHYS 432	Quantum Mechanics I	3
PHYS 483	Independent Study	2
Social Behavior Science Elective ⁴		3
Hours		12

Eighth Semester

PHYS 338	Math Methods I	3
PHYS 416	Senior Thesis II	1
PHYS 437	Nuclear Physics I	3
PHYS 484	Topics in Physics	3

MUSI 136	Music Appreciation	3
or ART 135	or Topics in Contemp Art & Cultur	
Hours		13
Total Hours		120

- ¹ Engineering Elective 1: (ECE 131 Circuit Analysis I (Lecture); ECE 311 Electronics Circuits Lab (Lab), ECE 231 Circuit Analysis II (Lecture); ECE 211 Circuit Analysis Lab II (Lecture))
Courses at the 400 and 500 level in advanced topics in astrophysics, atomic and molecular physics, computational physics and medical health/radiation physics may replace engineering electives with the approval of student's faculty advisor.
- ² Engineering Elective 2 (CIVE 141 Civil Engineering Materials (Lecture); CIVE 141L Civil Engineering Materials Lab (Lab), CIVE 224 Geotechnical Engineering (Lecture); CIVE 224 Geotechnical Engineering (Lab))
- ³ ENG 2XX –ENG 244 African-American Literature or ENG 230 World Literature I or ENG 231 World Literature II
- ⁴ Social and Behavioral Science elective; consult with advisor. PSY 131 General Psychology or SOC 157 Introduction To Sociology or ECON 231 Principles Of Economics I

Physics (Premedical-Physics Concentration), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 409)	42
	Major Requirements (p. 410)	40
	Other Requirements (p. 410)	38
Total Hours		120

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I	3
ENG 132	Freshman English II	3
Mathematics		
MATH 136	Precalculus Math	3
Life and Physical Sciences		
CHEM 131	Chemistry I	3
PHYS 251	University Physics I	3
Language, Philosophy, and Culture		
ENG 2XX ²		3
Creative Arts		
MUSI 136	Music Appreciation	3
or ART 135	Topics in Contemp Art & Cultur	
American History		
HIST 231	Soc & Pol Hist US to 1877	3

HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
Select one of the following:		
PSY 131	General Psychology	3
ECON 231	Principles Of Economics I	3
SOC 157	Introduction To Sociology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CHEM 132	Chemistry II	3
Total Hours		42

¹ It is recommended that the student consider the following courses to be better prepared for the MCAT exam: SOC 157 Introduction To Sociology, BIOL 135 Human Anat & Phys I, BIOL 231 Cell Biology, BIOL 338 Genetics, MATH 231 Elementary Statistics. Consult with advisor.

² ENG 2XX – ENG 244 African-American Literature or ENG 230 World Literature I or ENG 231 World Literature II)

Major (Physics)

Code	Title	Hours
PHYS 152	Pre University Physics	3
PHYS 217	University Physics Laboratory I	1
PHYS 252	University Physics II	3
PHYS 218	University Physics Laboratory II	1
PHYS 332	Intro to Modern Physics	3
PHYS 333	Elec and Mag I	3
PHYS 336	Thermo & Stat Phys	3
PHYS 338	Math Methods I	3
PHYS 341	Mechanics I	3
PHYS 360	Adv Undergrad Lab	2
PHYS 415	Senior Thesis I	1
PHYS 416	Senior Thesis II	1
PHYS 432	Quantum Mechanics I	3
PHYS 437	Nuclear Physics I	3
PHYS 483	Independent Study	2
PHYS 484	Topics in Physics	3
Total Hours		38

Other Requirements

Code	Title	Hours
MATH 241	Calculus & Analytic Geomtry I	4
MATH 242	Calculus&Analytic Geometry II	4
MATH 243	Calculus & Analytic Geo III	4
MATH 251	Differential Equations	3
FS 102	Freshman Seminar/ first Year Experience	1
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1

CHEM 111	Chemistry I Lab	1
CHEM 112	Chemistry II Lab	1
CHEM 231	Organic Chem I	3
CHEM 211	Organic Chem I Lab	1
CHEM 232	Organic Chem II	3
CHEM 212	Organic Chem II Lab	1
CHEM 343	Biochemistry	3

Total Hours **37**

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I	3
PHYS 152	Pre University Physics	3
FS 102	Freshman Seminar/ first Year Experience	1
CHEM 131	Chemistry I	3
CHEM 111	Chemistry I Lab	1
MATH 136	Precalculus Math	3
Hours		14

Second Semester		
ENG 132	Freshman English II	3
PHYS 251	University Physics I	3
PHYS 217	University Physics Laboratory I	1
CHEM 132	Chemistry II	3
CHEM 112	Chemistry II Lab	1
MATH 241	Calculus & Analytic Geomtry I	4
Hours		15

Second Year		
Third Semester		
HIST 231	Soc & Pol Hist US to 1877	3
PHYS 252	University Physics II	3
PHYS 218	University Physics Laboratory II	1
MATH 242	Calculus&Analytic Geometry II	4
BIOL 131	Biological Science I	3
BIOL 111	Biological Science Lab I	1
Hours		15

Fourth Semester		
HIST 232	Soc & Pol Hist US Since 1877	3
PHYS 332	Intro to Modern Physics	3
MATH 243	Calculus & Analytic Geo III	4
PSY 131	General Psychology	3
BIOL 132	Biological Science II	3
BIOL 112	Biological Science Lab II	1
Hours		17

Third Year		
Fifth Semester		
POLS 235	American Government	3
PHYS 336	Thermo & Stat Phys	3
PHYS 341	Mechanics I	3
ENG 2XX - Upper Level English ¹		3
CHEM 231	Organic Chem I	3

CHEM 211	Organic Chem I Lab ²	1
Hours		16
Sixth Semester		
POLS 236	Texas Government	3
PHYS 360	Adv Undergrad Lab	2
MATH 251	Differential Equations	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CHEM 232	Organic Chem II	3
CHEM 212	Organic Chem II Lab	1
Hours		15
Fourth Year		
Seventh Semester		
PHYS 333	Elec and Mag I	3
PHYS 415	Senior Thesis I	1
PHYS 432	Quantum Mechanics I	3
PHYS 483	Independent Study	2
CHEM 343	Biochemistry	3
Hours		12
Eighth Semester		
PHYS 338	Math Methods I	3
PHYS 416	Senior Thesis II	1
PHYS 437	Nuclear Physics I	3
PHYS 484	Topics in Physics	3
MUSI 136 or ART 135	Music Appreciation or Topics in Contemp Art & Cultur	3
Hours		13
Total Hours		117

¹ ENG 2XX – ENG 244 African-American Literature or ENG 230 World Literature I or ENG 231 World Literature II

It is recommended that the student consider the following courses to be better prepared for the MCAT exam: SOC 157 Introduction To Sociology, BIOL 135 Human Anat & Phys I, BIOL 231 Cell Biology, BIOL 338 Genetics, MATH 231 Elementary Statistics. Consult with advisor.

Physics Minor

The minor in Physics requires 19 semester credit hours for the following courses:

Code	Title	Hours
PHYS 251 & PHYS 217	University Physics I and University Physics Laboratory I	4
PHYS 252 & PHYS 218	University Physics II and University Physics Laboratory II	4
PHYS 332	Intro to Modern Physics	3
PHYS 333 or PHYS 336	Elec and Mag I Thermo & Stat Phys	3
PHYS 341	Mechanics I	3
Select one of the following:		2
PHYS 415 & PHYS 416	Senior Thesis I and Senior Thesis II	

Any 400-Level Physics course	
Total Hours	19

Department of Transportation Studies

Undergraduate Degree(s):

- Bachelor of Science in Maritime Transportation Management and Security (with Minor) (p. 415)
- Bachelor of Science in Maritime Transportation Management and Security for Transfer Students with AAS Logisitcs & Global Supply Chain Management Maritime Specialization (p. 417)
- Bachelor of Science in Maritime Transportation Maritime Management and Security (Without Minor) (p. 419)

Minor(s):

- Maritime Transportation Management and Security (p. 419)

Graduate Degree(s):

- Master of Science in Transportation Planning and Management (Non-Thesis Option) (p. 628)
- Master of Science in Transportation Planning and Management (Thesis Option) (p. 631)

The Department of Transportation Studies offers courses in the academic discipline of **Maritime Transportation Management and Security (MTMS)**. Through curricular offerings provided, students are able to earn the **Bachelor of Science (B.S.) in Maritime Transportation Management and Security, and the Master of Science (M.S.) in Transportation Planning and Management. An undergraduate minor is offered in Maritime Transportation Management and Security for students majoring in other academic disciplines.** Members of the Department are housed in the College of Science and Technology.

For detailed information on the Master of Science in Transportation Planning and Management, students should refer to the Graduate School Bulletin of Texas Southern University.

The curriculum of study for the Bachelor of Science (B.S.) in **Maritime Transportation Management and Security** provides students with three concentrations: Logistics/Freight, Security, and Environment. A detailed listing of these requirements is given below. **Students selecting to pursue the B.S. in Maritime Transportation Management and Security are not required to declare a minor in another academic discipline. However, there is a degree plan for students who desire to choose a minor. Additionally, grades of "C" or better must be earned in all Maritime Transportation Management and Security courses required leading to the completion of the degree. Grades of "C-" are unacceptable. Prior to graduation, majors must pass an exit examination during their senior year.**

The mission of the B.S. Program in **Maritime Transportation Management and Security** is fourfold:

1. to produce graduates for a variety of administrative and managerial positions in maritime transportation and port operations,
2. to produce graduates to function effectively in a number of diverse careers in three critical areas of maritime transportation: logistics, security, and environment,

3. to provide students with the academic background and preparation for pursuing advanced studies in the field of maritime transportation or affiliated areas,
4. to provide training programs and individual courses to individuals already in the maritime profession.

In the fulfillment of this mission, students selecting the Maritime Transportation Management and Security program as a major will be prepared for a number of career specialization options including but not limited to:

- Freight Logistics Specialist
- Shipping Manager
- Port Manager and Operator
- Port Security Officer
- Maritime Policy Maker
- Maritime Transportation Planner
- Environmental Compliance Coordinator/Specialist
- Emergency Response Specialist

To that end, graduates of the Maritime Transportation program will also be academically prepared for graduate studies in the discipline of maritime.

Students wishing to pursue the B.S. in **Maritime Transportation Management and Security** must first gain admission to the University, must satisfy ASSET requirements and eradicate identified deficiencies through the General University Academic Center (GUAC), must contact the Department Office while satisfying ASSET requirements for advisement, and must petition the Department for admission once ASSET requirements have been completed and deficiencies removed. **Students wishing to change their major to Maritime Transportation Management and Security must be in good academic standing (not on academic probation, academic monitoring or suspension).**

In addition to academic course work, a student pursuing the B.S. in **Maritime Transportation Management and Security** must undertake a three semester credit hour Practicum (Internship) (MTMS 495) to meet degree requirements and gain practical experience. For further information on internships, students should contact either the Internship Coordinator in the College of Science and Technology, the Office of the Dean of the College of Science and Technology, or the University Director of Cooperative Education in the Placement Center at the University.

For additional information on the Bachelor of Science in Maritime Transportation Management and Security, students are asked to contact the Department Office at (713)-313-1841.

- Maritime Transportation Management and Security (with Minor), Bachelor of Science (p. 415)
- Maritime Transportation Management and Security for Transfer Students with AAS Logistics & Global Supply Chain Management Maritime Specialization, Bachelor of Science (p. 417)
- Maritime Transportation Management and Security Minor (p. 419)
- Maritime Transportation Maritime Management and Security (Without Minor), Bachelor of Science (p. 419)

Maritime Transportation Management and Security

MTMS 101 Intro to Maritime Transp (3 Credits)

Introduction to Maritime Transportation (3) This course presents an introduction to the interdisciplinary study of maritime-related topics with an examination of the physical maritime environment and maritime cultures, history, and industries. Students enrolled in this course will learn what maritime transportation consists of, how it operates, how it is characterized economically, and how it is regulated. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 102 Into To Logistics (3 Credits)

This course presents problems and issues related to Logistics. Specially the description of the course includes functions, processes and objective of the logistics operation. Industrial distributor and its relationship to other channel members. It is designed to acquaint the student with the basic logistical functions (warehousing, inventory control, order processing, customer service, packaging and transportation). Explores techniques used in analyzing distribution costs as well as planning distribution systems.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 121 Overview International Business and Ocean Ship (3 Credits)

This course gives an overview of the global business environment and its implications for operations, management, pricing promotion, financial strategies. It also introduces the maritime capabilities in facilitation of contemporary supply chains, the liner and tramp segments of the international marine transportation industry, and their role internationally. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 202 Maritime Law (3 Credits)

Maritime Law (3) This course covers the process involved in the exercise of jurisdiction by nations over the maritime area. It presents the roles of major global shipping on nations' maritime policy, with special emphasis on past and present maritime legislation, business regulations, corporate governance issues, and related case studies. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 295 Field Work Practice Logistic I Management (3 Credits)

This course provides students with field work opportunities to gain hands-on experience in various Logistic and materials management related work. Students enrolled in this course are required to submit a written report of the practicum or project experience, detailing the specific tasks performed. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 303 American Maritime History (3 Credits)

American Maritime History (3) This course presents the development of American maritime enterprise from colonial times to the era of the container ship, and its relationship to American political, economic, and cultural history. Three hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 321 Intl Business & Ocean Shipping (3 Credits)

International Business and Ocean Shipping (3) This course presents the global business environment and its implications for operations, management, pricing, promotion, and financial strategies. It also presents the maritime capabilities in facilitation of contemporary supply chains, the liner and tramp segments of the international marine transportation industry, and their role in international trade. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 322 Port & Terminal Operation Mgmt (3 Credits)

Port and Terminal Operation Management (3) This course provides an overview of the history, growth, organization, and operation of major ports and transportation terminals, including logistics processes such as on-dock rail, strategic and tactical planning, harbor drayage, terminal gate protocols, equipment and cargo movement, and integration of marine port and terminal operations with other modes of transportation. It introduces the functions of the port divided along business lines, different types of marine terminals, and the day-to-day operational, financial, and labor issues of ports and terminals. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 341 Maritime Security Mgmt (3 Credits)

Maritime Security Management (3) This course provides the basic framework and knowledge to perform the duties and responsibilities of a Company Security Officer (CSO), Port Facility Security Officer (PFSO), or Ship Security Officer (SSO) as defined by the ISPS Code. It presents how to implement and maintain a security plan and how to work with other security officer. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 342 Maritime Security Technology (3 Credits)

Maritime Security Technology (3) This course explores the implications and consequences of the scientific and technological issues in terms of maritime security in the social and political context. It presents instruction and discussion on current security issues and technologies. For example, containers now coming out of a port terminal are scanned for radiation; what can the scanners detect and if radiation is detected, what does that mean? How would a city be evacuated in the event a nuclear device was detected? Another example of technology with far reaching implications is that of biometrics: suppose everybody had their retina patterns in a national database? When is personal information too intrusive for government access? Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 361 Maritime Environment Mgmt (3 Credits)

Maritime Environmental Management (3) This course presents an overview of the basic environment regulations as they pertain to the maritime industry. The environmental management strategies (EMS) to be covered include knowing the fundamental structure of environmental strategies, EMS alternatives, alternative dispute resolution, how an effective EMS can reduce costs and increase profits, and what environmental laws may be triggered by relevant activities. Sections of the following laws pertaining specifically to Vessel Operations are used: MARPOL, Resource Conservation and Recovery Act, Clean Water Act, Montreal Protocol, and State Statutes. Three lecture hours per week. Pre-requisite MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 423 Marine Cargo Operations (3 Credits)

Marine Cargo Operations (3) This course is an introduction to the objectives and problems with break-bulk cargo handling during loading, discharging, and in-transit carriage. It presents the role of the ship in integrated transportation systems, the methods of cargo loss prevention, and the maximum cargo efficiency with relation to space, cargo gear, crew, and labor costs. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 424 Contain & Modern Cargo Storage (3 Credits)

Containerization and Modern Cargo Storage (3) This course presents the principles and regulations for transporting special refrigerated and hazardous cargo. It addresses the security of shipments from a regulatory, operational, and global business perspective. Students enrolled in this course will be trained to identify dangerous goods and know that they are to be stowed and separated according to the requirements. Students will also learn the hazards related to bulk cargoes and the precaution to take during their loading and carriage. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 425 Int'l Intermodal Transport (3 Credits)

International Intermodal Transportation (3) This course is designed to examine the modern inter-modal transportation and distribution systems used in the movement of international and domestic cargo. It presents the evolution, development, and use of rail, air, truck, and maritime transportation systems, and their dynamic impacts on international trade. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 443 Maritime Trnsp Security (3 Credits)

Maritime Transportation Security (3) This course focuses on the International Ship and Port Security Code (ISPS) and domestic maritime security policies. It presents an introduction of port and ship vulnerability assessments, security plan implementation procedures, various levels of shipboard security responsibilities, and security administration. It also explores elements of chemical, biological and radiological defense (CBRD), and crisis management. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 444 Contemp Maritime Security (3 Credits)

Lectures in Contemporary Maritime Security Issues (3) This course invites prominent experts in maritime and intermodal security to give special lectures on various topical issues of the day in their field of security. Students enrolled in this course are required to submit a term paper that integrates the information from different speakers and their research project experience. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 445 Maritime Risk Assessmnt & Mgmt (3 Credits)

Maritime Risk Assessment and Management (3) This course is designed to develop the concepts required for maritime risk-based planning and analysis, and the methods used to conduct vulnerability assessment for natural disaster, technological hazards, and terrorist threats. The topics to be covered included: 1) Introduction and Analysis, such as Process Descriptions, Hazard Identification, Source Models, Consequence Analysis; 2) Assessment, such as Exposure Assessment, Does Response and Risk Characterization, Radiation Risk Assessment, Environmental Assessment; and 3) Management, such as Structural Activity Relationships, Risk Management, ISO 14000. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 446 Maritime Risk&Resiliency Analy (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 462 Marine Environmental Project (3 Credits)

Marine Environmental Protection (3) This course offers an interdisciplinary approach to ways in which human beings control adverse effects to the marine environment. It presents various environmental situations and the methods of applying scientific knowledge about the coastal areas to the human, economic, and political dimension. Three lecture hours per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 463 Maritime Environmental Law (3 Credits)

Maritime Environmental Law (3) This course is designed to familiarize students with the concepts and mechanisms of international and U.S. federal environmental law and policy. It presents the role of the American legal system as it functions to control and remediate maritime environmental problems and evaluates the opportunities to use judicial, administrative, and legislative processes to address those problems. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 481 Sem In Int'L Maritime Business (3 Credits)

Seminar in International Maritime Business (3) This course provides an opportunity for students and the instructor to discuss the effects of multinational operations on business strategy and decision making by exploring the economic, political, financial, legal, and social nature of the international environment. It examines maritime and transport related formulation, selection, and implementation of multi-national strategies in the context of business environment. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 482 Advanced Transportation Mgmt (3 Credits)

Advanced Transportation Management (3) This course presents perspectives on carrier organization and management. It examines national transportation policy, regulation, and the changing environment of transportation. Topics to be covered include transportation operations, marketing, financing, purchasing, information systems and maintenance, as well as human resources management and labor relations. Students enrolled in this course are required to involve in original research on problems in transportation management with emphasis on maritime transportation. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 483 Maritime Studies SR. Seminar (3 Credits)

Maritime Studies Senior Seminar (3) This course facilitates discussions between students, the instructor, and invited speakers to discuss topical themes related to diverse aspects of society and commerce in coastal and oceanic zones, the maritime experience, and the political, economical, cultural, and environmental perspectives of maritime management. Three hours of lecture per week. Pre-requisite: MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 490 Indep Study in Marit Transp (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

MTMS 495 Field Work Prac In Marit Trnsp (3 Credits)

Field Work Practicum in Maritime Transportation (3) This course provides students with field work opportunities to gain hands-on experience in various maritime transportation related work. Students enrolled in this course are required to submit a written report of the practicum or project experience, detailing the specific tasks performed. Three hours of lecture per week. Pre-requisite : MTMS 101 with a grade of "C" or better.

Prerequisite(s): MTMS 101

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

Maritime Transportation Management and Security (with Minor), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p.)	42
	Major Requirements (p. 415)	36
	Other Requirements (p. 416)	22
	Minor (p. 416)	21
	Total Hours	121

General Education Core Curriculum (Standard) ¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra ³	3
Life and Physical Sciences		
	Life and Physical Sciences ⁴	6
Language, Philosophy, and Culture		
ENG 2XX ⁵		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3

CS 116	Intro To Compr Science I	3
Total Hours		42

- ¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.
- ² (N) represent the number of course credits.
- ³ Pending English and Math examinations
- ⁴ Life and Physical Sciences credits should be selected from the following:
Select one from the following:
BIOL 143 Survey of Life Science or CHEM 131 Chemistry I and one from the following courses: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, PHYS 238 College Physics II or PHYS 251 University Physics I (TCCN: BIOL 1308 (3) or CHEM 1311 (3) and one from the following courses: CHEM 1312 (3), BIOL 2301 (3), GEOL 1303 (3), PHYS 1315 (3), PHYS 1301 (3), PHYS
- ⁵ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (ENGL 2332, ENGL 2333, ENGL 2328, or ENGL 2326)

Major (Maritime Transportation Management Security)

Code	Title	Hours
MTMS 101	Intro to Maritime Transp	3
MTMS 202	Maritime Law	3
MTMS 303	American Maritime History	3
MTMS 321	Intl Business & Ocean Shipping	3
MTMS 322	Port & Terminal Opration Mgmt	3
MTMS 341	Maritime Security Mgmt	3
MTMS 361	Maritime Environment Mgmt	3
MTMS 424	Contain & Modern Cargo Storage	3
MTMS 463	Maritime Environmental Law	3
MTMS 481	Sem In Int'L Maritime Business	3
MTMS 495	Field Work Prac In Marit Trnsp	3
MTMS Electives ¹		3
Total Hours		36

- ¹ Elective course selected from MTMS 423 Marine Cargo Operations, MTMS 425 Int'l Intermodal Transport, MTMS 443 Maritime Trnsp Security MTMS 445 Maritime Risk Assessmnt & Mgmt, MTMS 462 Marine Environmental Project, MTMS 482 Advanced Transportation Mgmt, MTMS 483 Maritime Studies SR. Seminar.

Electives

Code	Title	Hours
MTMS 423	Marine Cargo Operations	3
MTMS 425	Int'l Intermodal Transport	3
MTMS 443	Maritime Trnsp Security	3
MTMS 445	Maritime Risk Assessmnt & Mgmt	3
MTMS 462	Marine Environmental Project	3
MTMS 482	Advanced Transportation Mgmt	3
MTMS 483	Maritime Studies SR. Seminar	3

Other Requirements

Code	Title	Hours
ITEC 331	Technical Writing	3
MGMT 300	Principles of Management	3
MGMT 402	International Management	3
MATH 231	Elementary Statistics	3
CS 116	Intro To Compr Science I	3
MKTG 306	Principles of Marketing	3
GEOG 132	World Regional Geography	3
FS 102	Freshman Seminar/ first Year Experience ¹	1
Total Hours		22

¹ freshman students must finish the freshman seminar class FS 102 Freshman Seminar/ first Year Experience in the first semester; Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience

Minor Requirements

For the minor in Maritime Transportation Management and Security offered through the Department, students are required to complete 21 semester credit hours in the following courses:

Code	Title	Hours
Select 21 credit hours from the following:		21
MTMS 101	Intro to Maritime Transp	
MTMS 202	Maritime Law	
MTMS 303	American Maritime History	
MTMS 321	Intl Business & Ocean Shipping	
MTMS 322	Port & Terminal Opration Mgmt	
MTMS 341	Maritime Security Mgmt	
MTMS 342	Maritime Security Technology	
MTMS 361	Maritime Environment Mgmt	
MTMS 423	Marine Cargo Operations	
MTMS 424	Contain & Modern Cargo Storage	
MTMS 425	Int'l Intermodal Transport	
MTMS 443	Maritime Trnsp Security	
MTMS 444	Contemp Maritime Security	
MTMS 445	Maritime Risk Assessmnt & Mgmt	
MTMS 462	Marine Environmental Project	
MTMS 463	Maritime Environmental Law	
MTMS 481	Sem In Int'L Maritime Business	
MTMS 482	Advanced Transportation Mgmt	
MTMS 483	Maritime Studies SR. Seminar	
MTMS 495	Field Work Prac In Marit Trnsp	
Total Hours		21

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I ¹	3
MATH 133	College Algebra ¹	3
BIOL 143	Survey of Life Science ²	3
CS 116	Intro To Compr Science I	3

POLS 235	American Government	3
FS 102	Freshman Seminar/ first Year Experience ³	1
Hours		16

Second Semester

ENG 132	Freshman English II	3
POLS 236	Texas Government	3
GEOG 141	Introduction To The Earth ²	3
PSY 131	General Psychology	3
MTMS 101	Intro to Maritime Transp	3
Hours		15

Second Year

Third Semester

MATH 231	Elementary Statistics	3
HIST 231	Soc & Pol Hist US to 1877	3
Minor		3
MTMS 202	Maritime Law	3
CS 116	Intro To Compr Science I	3
Hours		15

Fourth Semester

ENG 230	World Literature I	3
HIST 232	Soc & Pol Hist US Since 1877	3
Minor		3
GEOG 132	World Regional Geography	3
Minor		3
MUSI 239	Fine Arts In Daily Living	3
Hours		18

Third Year

Fifth Semester

MTMS 303	American Maritime History	3
MTMS 341	Maritime Security Mgmt	3
MGMT 300	Principles of Management	3
ITEC 331	Technical Writing	3
MTMS 321	Intl Business & Ocean Shipping	3
Hours		15

Sixth Semester

MTMS 361	Maritime Environment Mgmt	3
MKTG 306	Principles of Marketing	3
MTMS 322	Port & Terminal Opration Mgmt	3
MTMS Elective ⁴		3
Minor		3
Hours		15

Seventh Semester

MTMS 424	Contain & Modern Cargo Storage	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MGMT 402	International Management	3
Minor		3
Minor		3
Hours		15

Eighth Semester

MTMS 463	Maritime Environmental Law	3
MTMS 481	Sem In Int'L Maritime Business	3

Minor		3
MTMS 495	Field Work Prac In Marit Trnsp	3
	Hours	12
	Total Hours	121

- ¹ Pending acceptable scores on English and Math Placement Exams.
- ² Life and Physical Sciences courses should be selected from the following: BIOL 143 Survey of Life Science or CHEM 131 Chemistry I and one from the following courses: CHEM 132 Chemistry II; BIOL 135 Human Anat & Phys I; GEOL 141 Introduction To The Earth; PHYS 101 Principles of Physics; or PHYS 251 University Physics I
- ³ First time Freshman students only.
- ⁴ Elective course selected from MTMS 423 Marine Cargo Operations, MTMS 425 Int'l Intermodal Transport, MTMS 443 Maritime Trnsp Security, MTMS 445 Maritime Risk Assessmnt & Mgmt, MTMS 462 Marine Environmental Project, MTMS 482 Advanced Transportation Mgmt, and MTMS 483 Maritime Studies SR. Seminar.

Maritime Transportation Management and Security for Transfer Students with AAS Logisitcs & Global Supply Chain Management Maritime Specialization, Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
	General Education Core Curriculum (p. 417)	42
	Major Requirements (p. 417)	45
	Other Requirements (p. 418)	34
	Total Hours	121

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ^{2,3}	3
ENG 132	Freshman English II ³	3
Mathematics		
MATH 133	College Algebra ^{2,3}	3
	or MATH 135 Mathematics for Business and Economic Analysis I	
Life and Physical Sciences		
	Life and Physical Sciences ⁴	6
Language, Philosophy, and Culture		
ENG 2XX ⁵		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		

HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3

Government/Political Science

POLS 235	American Government	3
POLS 236	Texas Government	3

Social and Behavioral Sciences

ECON 232	Principles Of Economics II ³	3
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Institutional Options

COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CS 116	Intro To Compr Science I	3

Total Hours		42
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- ¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed. (N) represents the number of course credits.
- ² Pending English and Math examinations
- ³ Courses to be transferred from HCC
- ⁴ Life and Physical Sciences credits should be selected from the following:
One from the following courses:
BIOL 143 Survey of Life Science or CHEM 131 Chemistry I and one from the following courses: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, PHYS 237 College Physics I, PHYS 238 College Physics II or PHYS 251 University Physics I (TCCN: BIOL1308 (3) or CHEM 1311(3) and one from the following courses: CHEM 1312(3), BIOL 2301(3), GEOL 1303 (3), PHYS 1315(3), PHYS 1301(3), PHYS 1302(3), PHYS 2325(3)).

⁵

Major (Maritime Transportation Management and Security)

Code	Title	Hours
MTMS 101	Intro to Maritime Transp ¹	3
"MART 1370	Intro to Maritime Shipping"	
MTMS 102	Into To Logistics ¹	3
	LMGT 1319: Intro to Logistics	
MTMS 202	Maritime Law ¹	3
"IBUS 2335	International Business Law"	
"LMGT 2335	Maritime Law"	
MTMS 121	Overview International Business and Ocean Ship ¹	3
"LMGT 1323	Domestic and Int. Trans. Mgmt."	
MTMS 295	Field Work Practice Logistic I Management	3
"LMGT 2388	Field Work Practicum"	
MTMS 303	American Maritime History	3
MTMS 321	Intl Business & Ocean Shipping	3
MTMS 322	Port & Terminal Opration Mgmt	3
MTMS 341	Maritime Security Mgmt	3
MTMS 361	Maritime Environment Mgmt	3
MTMS 424	Contain & Modern Cargo Storage	3
MTMS 463	Maritime Environmental Law	3
MTMS 481	Sem In Int'L Maritime Business	3

MTMS Elective ²	6
Total Hours	45

- ¹ Courses to be transferred from HCC
- ² Elective course selected from MTMS 423 Marine Cargo Operations, MTMS 425 Int'l Intermodal Transport, MTMS 443 Maritime Trnsp Security, MTMS 445 Maritime Risk Assessmnt & Mgmt, MTMS 462 Marine Environmental Project, MTMS 482 Advanced Transportation Mgmt, MTMS 483 Maritime Studies SR. Seminar.

Electives

Code	Title	Hours
MTMS 423	Marine Cargo Operations	3
MTMS 425	Int'l Intermodal Transport	3
MTMS 443	Maritime Trnsp Security	3
MTMS 445	Maritime Risk Assessmnt & Mgmt	3
MTMS 462	Marine Environmental Project	3
MTMS 482	Advanced Transportation Mgmt	3
MTMS 483	Maritime Studies SR. Seminar	3

Other Requirements

Code	Title	Hours
ITEC 331	Technical Writing ¹	3
or ENG 231	World Literature II	
MGMT 300	Principles of Management	3
MGMT 301	Foundations of Human Res Mgmt	3
MGMT 402	International Management	3
GEOG 132	World Regional Geography	3
FS 102	Freshman Seminar/ first Year Experience ²	1
HCC Logistics and Global Supply Chain/Maritime Transfer Courses ¹		
"LGMT 1370	Equipment Operation"	3
"IBUS 1325	Warehouse and Distrib. Ctr. Mgmt."	3
"IBUS 1341	Global Supply Chain Mgt."	3
"LMGT 1325	Warehouse and Dist. Ctr. Mgmt."	3
"LMGT 1345	Economics of Trans. and Dist.	3
"IBUS 1302	Principles of Imports"	3
Total Hours		34

- ¹ Courses to be transferred from HCC
- ² freshman students must finish the freshman seminar class FS 102 Freshman Seminar/ first Year Experience in the first semester; Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience

Course	Title	Hours
First Year		
First Semester		
Courses will be completed at Houston Community College (AAS Logistics & Global Supply Chain Management) See course list in the Curriculum Summary Table		
Hours		0

Second Semester

Courses will be completed at Houston Community College (AAS Logistics & Global Supply Chain Management) See course list in the Curriculum Summary Table

Hours	0
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Second Year

Third Semester

Courses will be completed at Houston Community College (AAS Logistics & Global Supply Chain Management) See course list in the Curriculum Summary Table

Hours	0
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Fourth Semester

Courses will be completed at Houston Community College (AAS Logistics & Global Supply Chain Management) See course list in the Curriculum Summary Table

Hours	0
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Third Year

Fifth Semester

MTMS 101	Intro to Maritime Trnsp	3
BIOL 143	Survey of Life Science ¹	3
ENG 230	World Literature I	3
GEOG 132	World Regional Geography	3
HIST 231	Soc & Pol Hist US to 1877	3

Hours	15
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Sixth Semester

GEOL 141	Introduction To The Earth ¹	3
HIST 232	Soc & Pol Hist US Since 1877	3
POLS 235	American Government	3
MTMS 321	Intl Business & Ocean Shipping	3
MUSI 239	Fine Arts In Daily Living	3

Hours	15
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Fourth Year

Seventh Semester

MTMS Elective ¹		3
MGMT 300	Principles of Management	3
MTMS 322	Port & Terminal Opration Mgmt	3
MTMS 303	American Maritime History	3
POLS 236	Texas Government	3

Hours	15
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Eighth Semester

MGMT 301	Foundations of Human Res Mgmt	3
MTMS 424	Contain & Modern Cargo Storage	3
MTMS 463	Maritime Environmental Law	3
CS 116	Intro To Compr Science I	3
MTMS 341	Maritime Security Mgmt	3

Hours	15
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Fifth Year

Ninth Semester

MTMS Elective ²		3
MGMT 402	International Management	3
MTMS 361	Maritime Environment Mgmt	3

MTMS 481	Sem In Int'L Maritime Business	3
Hours		12
Total Hours		72

¹ Life and Physical Sciences courses should be selected from the following: BIOL 143 Survey of Life Science or CHEM 131 Chemistry I (3) and one from the following courses: CHEM 132 Chemistry II (3); BIOL 135 Human Anat & Phys I (3); GEOL 141 Introduction To The Earth (3); PHYS 101 Principles of Physics (3); or PHYS 251 (3)

² Elective courses selected from MTMS 423 Marine Cargo Operations, MTMS 425 Int'l Intermodal Transport, MTMS 443 Maritime Trnsp Security, MTMS 445 Maritime Risk Assessmnt & Mgmt, MTMS 462 Marine Environmental Project, MTMS 482 Advanced Transportation Mgmt, and MTMS 483 Maritime Studies SR. Seminar.

Maritime Transportation Management and Security Minor

Students are required to complete 21 semester credit hours in the following courses:

Code	Title	Hours
Select 21 credits from the following:		21
MTMS 101	Intro to Maritime Transp	
MTMS 202	Maritime Law	
MTMS 303	American Maritime History	
MTMS 321	Intl Business & Ocean Shipping	
MTMS 322	Port & Terminal Opration Mgmt	
MTMS 341	Maritime Security Mgmt	
MTMS 342	Maritime Security Technology	
MTMS 361	Maritime Environment Mgmt	
MTMS 423	Marine Cargo Operations	
MTMS 424	Contain & Modern Cargo Storage	
MTMS 425	Int'l Intermodal Transport	
MTMS 443	Maritime Trnsp Security	
MTMS 444	Contemp Maritime Security	
MTMS 445	Maritime Risk Assessmnt & Mgmt	
MTMS 462	Marine Environmental Project	
MTMS 463	Maritime Environmental Law	
MTMS 481	Sem In Int'L Maritime Business	
MTMS 482	Advanced Transportation Mgmt	
MTMS 483	Maritime Studies SR. Seminar	
MTMS 495	Field Work Prac In Marit Trnsp	
Total Hours		21

Maritime Transportation Maritime Management and Security (Without Minor), Bachelor of Science

The University Core Curriculum is the same across all undergraduate bachelor's program. See here for more information about the applicable courses. Below is the program requirements.

Summary

Code	Title	Hours
General Education Core Curriculum (p. 419)		42
Major Requirements (p. 420)		45
Other Requirements (p. 420)		34
Total Hours		121

General Education Core Curriculum (Standard)¹

Code	Title	Hours
Communication		
ENG 131	Freshman English I ²	3
ENG 132	Freshman English II	3
Mathematics		
MATH 133	College Algebra ³	3
Life and Physical Sciences		
Life and Physical Sciences ⁴		6
Language, Philosophy, and Culture		
ENG 2XX ⁵		3
Creative Arts		
MUSI 239	Fine Arts In Daily Living	3
American History		
HIST 231	Soc & Pol Hist US to 1877	3
HIST 232	Soc & Pol Hist US Since 1877	3
Government/Political Science		
POLS 235	American Government	3
POLS 236	Texas Government	3
Social and Behavioral Sciences		
PSY 131	General Psychology	3
Institutional Options		
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
CS 116	Intro To Compr Science I	3
Total Hours		42

¹ Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

² (N) represent the number of course credits.

³ Pending English and Math examinations

⁴ Life and Physical Sciences credits should be selected from the following:

Select one from the following:

BIOL 143 Survey of Life Science or CHEM 131 Chemistry I and one from the following courses: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, PHYS 238 College Physics II or PHYS 251 University Physics I (TCCN: BIOL 1308 (3) or CHEM 1311 (3) and one from the following courses: CHEM 1312 (3), BIOL 2301 (3), GEOL 1303 (3), PHYS 1315 (3), PHYS 1301 (3), PHYS

⁵ ENG 230 World Literature I, ENG 231 World Literature II, ENG 235 American Literature, or ENG 244 African-American Literature (ENGL 2332, ENGL 2333, ENGL 2328, or ENGL 2326)

Major (Maritime Transportation Management Security)

Code	Title	Hours
MTMS 101	Intro to Maritime Transp	3
MTMS 202	Maritime Law	3
MTMS 303	American Maritime History	3
MTMS 321	Intl Business & Ocean Shipping	3
MTMS 322	Port & Terminal Opration Mgmt	3
MTMS 341	Maritime Security Mgmt	3
MTMS 361	Maritime Environment Mgmt	3
MTMS 424	Contain & Modern Cargo Storage	3
MTMS 463	Maritime Environmental Law	3
MTMS 481	Sem In Int'L Maritime Business	3
MTMS 495	Field Work Prac In Marit Trnsp	3
MTMS Electives ¹		12
Total Hours		45

¹ Elective course selected from MTMS 423 Marine Cargo Operations, MTMS 425 Int'l Intermodal Transport, MTMS 443 Maritime Trnsp Security MTMS 445 Maritime Risk Assessmnt & Mgmt, MTMS 462 Marine Environmental Project, MTMS 482 Advanced Transportation Mgmt, MTMS 483 Maritime Studies SR. Seminar.

Other Requirements

Code	Title	Hours
ITEC 331	Technical Writing	3
MGMT 300	Principles of Management	3
MGMT 301	Foundations of Human Res Mgmt	3
MGMT 402	International Management	3
SPAN 131	Elementary Spanish I	3
MATH 231	Elementary Statistics	3
CS 116	Intro To Compr Science I	3
CS 117	Intro To Comp Science II	3
MKTG 306	Principles of Marketing	3
GEOG 132	World Regional Geography	3
FS 102	Freshman Seminar/ first Year Experience ²	1
Total Hours		31

¹ Can be substituted for any foreign language course including Chinese, Russian, Japanese, French, etc.

² freshman students must finish the freshman seminar class FS 102 Freshman Seminar/ first Year Experience in the first semester; Transfer students may substitute FS 102 Freshman Seminar/ first Year Experience

Course	Title	Hours
First Year		
First Semester		
ENG 131	Freshman English I ¹	3
MATH 133	College Algebra ¹	3
BIOL 143	Survey of Life Science ²	3
Major Lab Requirement		0
CS 116	Intro To Compr Science I	3

POLS 235	American Government	3
FS 102	Freshman Seminar/ first Year Experience ³	1
Hours		16

Second Semester		
ENG 132	Freshman English II	3
POLS 236	Texas Government	3
GEOL 141	Introduction To The Earth ²	3
Major Lab Requirement		0
PSY 131	General Psychology	3
MTMS 101	Intro to Maritime Transp	3
Hours		15

Second Year		
Third Semester		
MATH 231	Elementary Statistics	3
HIST 231	Soc & Pol Hist US to 1877	3
SPAN 131	Elementary Spanish I ³	3
MTMS 202	Maritime Law	3
CS 116	Intro To Compr Science I	3
Hours		15

Fourth Semester		
ENG 230	World Literature I	3
HIST 232	Soc & Pol Hist US Since 1877	3
SPAN 132	Elementary Spanish II	3
GEOG 132	World Regional Geography	3
CS 117	Intro To Comp Science II	3
MUSI 239	Fine Arts In Daily Living	3
Hours		18

Third Year		
Fifth Semester		
MTMS 303	American Maritime History	3
MTMS 341	Maritime Security Mgmt	3
MGMT 300	Principles of Management	3
ITEC 331	Technical Writing	3
MTMS 321	Intl Business & Ocean Shipping	3
Hours		15

Sixth Semester		
MTMS 361	Maritime Environment Mgmt	3
MKTG 306	Principles of Marketing	3
MTMS 322	Port & Terminal Opration Mgmt	3
MTMS Elective ⁴		3
MGMT 301	Foundations of Human Res Mgmt	3
Hours		15

Fourth Year		
Seventh Semester		
MTMS 424	Contain & Modern Cargo Storage	3
COMM 135	BUSINESS & PROFESSIONAL COMMUNICATION	3
MGMT 402	International Management	3
MTMS Elective ⁴		3
MTMS Elective ⁴		3
Hours		15

Eighth Semester

MTMS 463	Maritime Environmental Law	3
MTMS 481	Sem In Int'L Maritime Business	3
MTMS Elective ⁴		3
MTMS 495	Field Work Prac In Marit Trnsp	3
Hours		12
Total Hours		121

- ¹ Pending acceptable scores on English and Math Placement Exams.
- ² Life and Physical Sciences credits should be selected from the following:
Select one from the following:
BIOL 143 Survey of Life Science or CHEM 131 Chemistry I and one from the following courses: CHEM 132 Chemistry II, BIOL 135 Human Anat & Phys I, GEOL 141 Introduction To The Earth, PHYS 101 Principles of Physics, or PHYS 251 University Physics I
- ³ FS 102 Freshman Seminar/ first Year Experience for First Time Freshmen students only.
- ⁴ Elective course selected from MTMS 423 Marine Cargo Operations, MTMS 425 Int'l Intermodal Transport, MTMS 443 Maritime Trnsp Security, MTMS 445 Maritime Risk Assessmnt & Mgmt, MTMS 462 Marine Environmental Project, MTMS 482 Advanced Transportation Mgmt, and MTMS 483 Maritime Studies SR. Seminar.

Thomas F. Freeman Honors College

In our global community in which the future of each society is linked to the future of the other, the Thomas F. Freeman Honors College at Texas Southern University has an essential commitment: preparing the next generation of citizens and leaders of the world.

The Thomas F. Freeman Honors College

- serves the needs of its scholars by providing a learning environment that fosters a commitment to excellence in education;
- prepares community and global leaders;
- is a flagship of the university; and,
- instills ethical standards and establishes meaningful exchanges with other learning communities locally, nationally and internationally.

Mission Statement

The mission of the Thomas F. Freeman Honors College is to provide challenging courses and academic enhancement experiences for the scholars to achieve, and to promote critical thinking skills, intellectual engagement and strong research opportunities as it prepares scholars to excel in graduate or professional schools and a career path.

The Honors College is dedicated to the following core values:

- Honesty,
- Integrity,
- Community,
- Creativity and
- Excellence.

The Honors College:

- prepares students for success in the local, national and international arenas.

- provides scholarships to freshman.
- is associated with a dynamic Houston urban university with an historical mission of educating a diverse student body.
- is centrally located in the 4th largest city in the U.S. – near the Texas Medical Center, Museum District, and NASA.
- utilizes world-renowned faculty and administrative leadership, and stresses student academic support and guidance.

The Honors College is named in honor of Dr. Thomas Franklin Freeman, the distinguished professor of psychology and philosophy and legendary coach of the acclaimed debate team at Texas Southern University. Among his accomplishments, Dr. Freeman instructed such iconic figures as Dr. Martin Luther King, Jr. and Rep. Barbara Jordan, and advised Academy Award winner Denzel Washington in preparation for his performance in the film *The Great Debaters*.

College Academic Program

The Thomas F. Freeman Honors College:

1. provides challenging courses and academic enhancement experiences for the scholars to achieve; and
2. promotes critical thinking skills, intellectual engagement and strong research opportunities as it prepares scholars to excel in graduate or professional schools and a career path.

The#Honors curriculum#is designed to:

- serve the needs of its scholars by providing a learning environment that fosters a commitment to excellence in education;
- prepare community and global leaders;
- represent itself as a flagship of the university; and,
- instill ethical standards and establish meaningful exchanges with other learning communities locally, nationally and internationally.

The#Honors experience#strives to:

- create an environment where academically talented scholars can develop;
- provide mentoring, nurturing and academic support so scholars can reach their full potential;
- promote scholars' interest in international education; and
- provide opportunities for internship and a service learning environment.

Honors College Requirements

In order to earn the distinction of graduating from#the Thomas F. Freeman Honors College, students must be admitted into the Honors College and meet its academic and other requirements, including maintaining both a semester and cumulative GPA of 3.25 and complete and pass a minimum of 15 semester credit hours in fall and spring of each year.

General Education "Honors Core" Courses—at the Lower Division Level

The institutional foundations come from the general education curriculum of the university. The Honors College provides "Honors" sections for general education core classes that are a required part of higher education by the State of Texas. The Honors core courses are specially designed for Honors scholars and emphasize#Analysis, Synthesis, Oral Presentation, and Research. Scholars may select from

the following courses to complete a minimum of 15 hours of Honors coursework.

Honors Core Courses

Code	Title	Hours
First two (2) years of undergraduate education		
ENG 131 & ENG 132	Freshman English I and Freshman English II	6
Select one of the following:		3
ENG 230	World Literature I	
ENG 231	World Literature II	
ENG 244	African-American Literature	
Select one of the following:		3
MATH 133	College Algebra	
MATH 134	Plane Trigonometry	
MATH 135	Mathematics for Business and Economic Analysis I	
MATH 136	Precalculus Math	
BIOL 143 or BIOL 132	Survey of Life Science Biological Science II	3
CHEM 131	Chemistry I	3
PSY 131	General Psychology	3
POLS 235 & POLS 236	American Government and Texas Government	6
HIST 231 & HIST 232	Soc & Pol Hist US to 1877 and Soc & Pol Hist US Since 1877	6
MUSI 239	Fine Arts In Daily Living	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION PUBLIC ADDRESS	3
Total Hours		39

Upper Division Courses

Petitioning for Honors Credit with Course Augmentation Proposals

Junior scholars must take six (6) credit hours in the junior year from major courses. These courses will be a contract (Course Augmentation Proposal) between the scholar and the professor. They are required to complete a total of two (2) course augmentation proposals (CAPs) in their junior year (one in fall and one in spring). The scholars are required to present their reports, research papers and projects at the semi-annual Honors Undergraduate Research and Internships Symposium. The symposium is designed to help them in their pursuits of career opportunities and in their applications for admission into graduate or professional programs.

Course Augmentation Proposals (CAPS) ¹

Code	Title	Hours
Juniors:		
Two Upper-Level (300 or 400 level) Courses within the Major		6

Senior Thesis ¹

Honors College Scholars in the senior year are required to write a thesis during their last two semesters. Seniors will complete the thesis and submit it to the Honors College one month before their graduation. The senior scholars are required to present their thesis before a panel of Honors College faculty two (2) weeks before graduation.

Completion of thesis is based upon approval by the Honors Faculty Fellow assigned to the senior scholar.

¹ Completion of Honors curriculum is required for the Thomas F. Freeman Honors College seal on the final transcript and diploma.

Frederick Douglass Lecture Series

All Honors scholars are required to attend two (2) lectures each semester, sponsored by the Honors College, featuring experts at the university as well as renowned local, regional, national and/or international scholars or creative artists. The lectures have a community or global focus.

Enrichment: Research & Recruitment Trips and International Travel

The Research and Recruitment trips involve students visiting cities outside of Houston, Texas with the goal of conducting and sharing research with another college's Honors program. While on the trip, scholars will recruit at area high schools.

Scholars have the opportunity to study abroad through the University's Office of International Programs in partnership with the Honors College.

These details are on the Web site of the College, at <http://www.tsu.edu/honorscollege> (<http://www.tsu.edu/honorscollege/>).

Admission Requirements

Admission to the Honors College is open to students who have exceptional academic backgrounds and an interest in continued rigorous collegiate-level coursework. Prospective students should complete the application for admission to the university as well as Honors College documents. Acceptance into the Honors College is based on certain criteria.

Eligibility Requirements for High School Seniors

- Grade Point Average of 3.5 or higher on 4.0 scale, or, top 10% of class
- ACT composite score of at least 23 or higher, or
- SAT score of at least 1100 or higher on the Evidence-Based Reading and Writing + Mathematics sections
- Strong essay
- Successful interview

Eligibility Requirements for Transfer and Continuing Students

- No more than 60 semester credit hours
- Grade Point Average of 3.5 or higher on 4.0 scale
- Strong essay
- Successful interview

All applicants must submit:

1. a complete application electronically,
2. copies of their transcripts, and
3. a 700-word essay (approximately 2 to 3 pages, with a central theme and supporting details) in which they respond to the question, "Why do I wish to enroll in the Honors College and what can I contribute to the program?"

High school seniors also must submit (d) copies of their SAT and/or ACT score reports, and (e) three letters of support – on the school's letterhead – preferably from their teachers in English, mathematics and any science.

Special Note on Financial Assistance

If a student receives a scholarship through the Thomas F. Freeman Honors College, it is with the condition that the student will first enroll in Texas Southern University in the fall semester of the academic year the scholarship covers. The University considers the Honors College scholarship to be part of the total financial aid package. Federal and state financial aid programs require that students not receive financial aid in excess of their financial need, as determined by their Free Application for Federal Student Aid (FAFSA). If a student should receive financial aid through Texas Southern University, the Office of Student Financial Assistance will determine whether the award from the Honors College necessitates a revision of the financial aid package. This may result in the adjustment of the Honors College award.

Applicants submit all materials to HonorsDean@tsu.edu.

The application deadlines are: for high school seniors, early admission December 1; regular admission March 15; late admission and for continuing and transfer students, June 1.

GRADUATE CATALOG

Texas Southern University The Graduate School

211 Hannah Hall
3100 Cleburne St., Houston, Texas 77004
www.tsu.edu/graduateschool/ (<http://www.tsu.edu/graduateschool/>)

About this Bulletin

This graduate bulletin contains information on academic and non-academic policies, procedures, and requirements with which each student must become familiar. Students should consult the Table of Contents for guidance. Provisions in this bulletin will not be valid after August 2021.

The statements set forth in this bulletin are for informational purposes only and should not be construed as the basis of a contract between a student and Texas Southern University. Provisions set forth in publications of individual schools and colleges shall supersede those herein.

Although the provisions of this bulletin will ordinarily be applied as stated, Texas Southern University reserves the right to change any provision listed in this bulletin, including but not limited to academic requirements for graduation, without actual notice to individual students. However, every effort will be made to keep students advised of any such changes. Information concerning changes in policies, procedures, and requirements will be available in the Office of the University Registrar and the offices of the various academic advisors, the academic departments, and the major schools and colleges. It is especially important that each student note that it is his or her responsibility to be aware of current graduation requirements for a particular degree program.

The provisions of this catalog do not constitute a contract, expressed or implied, between any applicant, student, or faculty member and Texas Southern University. Texas Southern University reserves the right to withdraw courses at any time and to change fees, calendars, curricula, graduation procedures, or other requirements affecting students. Changes will become effective whenever the proper authorities at the University so determine and will apply to both prospective students and those currently enrolled. Provisions set forth in publications of individual schools and colleges shall supersede those herein.

Although every effort is made to assure that information is accurate, Texas Southern University does not assume responsibility for any misrepresentation that might arise through error in the preparation of this or any other of its catalogs or through failure to give notice of changes in its requirements, policies, tuition and fees, course offerings and other matters affecting students or applicants. To be assured of accuracy of information, students must regularly consult current publications and academic advisors.

Texas Southern University's mission dedicates the University "to providing quality instruction, scholarly research, and socially responsible public service." The Graduate School supports the University's mission by training the next generation of professional practitioners and research scholars. The University offers 27 master's programs, three Doctor of Education programs, and four Ph.D. programs. The Graduate Faculty focuses both on education and scholarly research. Students have the

opportunity to work with world renowned scholars as they progress in their training.

Our programs are designed to focus on the needs of students. Most of our programs offer evening classes and flexible schedules which accommodate working professionals. Contact our office for general information on applying and be sure to communicate with advisors in the program of your interest for detailed information.

Texas Southern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, masters, and doctorate degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Texas Southern University.

General Information

The Graduate Office maintains the official record for each graduate student and serves as the administrative body and source of information for graduate education. This graduate bulletin contains information on academic and non-academic policies, procedures, and requirements with which each student must become familiar. Students should consult the Table of Contents for guidance.

For curriculum changes to this catalog and general information and announcements relative to the Graduate School, please visit the Texas Southern University Graduate School website at www.tsu.edu/graduateschool/ (<http://www.tsu.edu/graduateschool/>) (<http://www.tsu.edu/graduateschool/>).

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Barbara Jordan - Mickey Leland School of Public Affairs

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- Health Care Administration (Non Thesis Option), Master of Science (p. 562)
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Summary of Graduate Degrees Offered

Note: Many of the degrees offered have multiple tracks leading toward their completion. Consult contents of this bulletin related to the various departments and the respective degrees offered for detailed information on these tracks. Texas Southern University does not offer an undergraduate degree in nursing; however, students interested in pursuing this degree elsewhere may earn lower level credits needed for this degree at the University. The Department of Biology administers a pre-nursing program, and students choosing to pursue this course of study should consult that department's section of this bulletin for more information.

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G

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H

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Note: Consult contents of this bulletin related to the various departments and the respective degrees offered for detailed information.

Definitions

Course

A course is a unique combination of title, course number, credit hours, and other course attributes that may include terms offered, cross listed courses, contact hours, pre- or co-requisites, credit type, level.

Academic Program

An academic program is defined as any combination of courses and/or requirements leading to a degree or certificate.

Executive Programs

An executive program refers to academic programs at the graduate-level designed for executives, business leaders and functional managers. These programs are offered as online programs.

Accelerated Program

Designated programs arranged between undergraduate and graduate or professional schools and colleges. Students apply separately to and must be accepted by both programs. The curricula of dual degree programs are not integrated. Students complete all curricular requirements of each program. The programs may allow special coordination of scheduling or allocation of electives. Upon successful completion of each component of the dual program, the students will receive the degree specific to that component, (ex. B.S. / M.S. (4+1))

Degree

A title that the University confers on a student who has satisfactorily completed a required program of study.

- Degree requirements are established by the university, colleges, and departments, and are approved through the curriculum approval process.
- New degrees must be approved by the university administration, the TSU Board of Regents, and the Texas Higher Education Coordinating Board (THECB).

Major

A major represents the primary field of study for a degree-seeking student. It is a structured plan of study that is part of a degree plan and must have a minimum of 30 semester credit hours.

- A completed major is shown on the diploma and the transcript.
- A new major must go through the curriculum approval process. In addition, new majors must be approved by the university administration, the TSU Board of Regents, and the Texas Higher Education Coordinating Board.
- Changes to an existing major must be accomplished in accordance with TSU's curriculum update process.
- Every major will have a Classification of Instructional Programs (CIP) code attached to it.
- Only formally approved majors will appear in the University Catalog.

Minor

A minor represents an optional, secondary field of study for a degree-seeking student. It is a structured plan of study requiring a minimum of 18 semester hours and no more than 21 semester hours.

- Every minor will have a Classification of Instructional Programs (CIP) code attached to it.
- New minors as well as changes to existing minors must go through the curriculum approval process.
- Minors will be printed on the student transcript.
- Only approved minors will appear in the University Catalog.

Concentration

A concentration is an approved set of courses within a major that defines a specialty area or specific field of study. Unless specified by the unit offering the major, a concentration is not required.

- The term concentration will be used to describe what used to be called degree track, emphasis, specialty/ specialized area, and option.
- Every concentration will have a Classification of Instructional Programs (CIP) code attached to it.
- Both new concentrations and changes to existing concentrations must go through the curriculum approval process.
- Only formally approved concentrations will appear in the University Catalog.
- Concentrations will be printed on the diploma and the transcript.

Differences Between a Concentration and a Minor

The ultimate difference between a concentration and a minor is that a concentration is very specific academic subfield within the major, but a minor is a separate field of study.

Academic Year

For the purpose of planning, the definition of an academic year, as provided by the U.S. Department of Education, has been used. This definition follows:

- An academic year is a period that begins on the first day of classes and ends on the last day of classes or examinations, and, that is a minimum of 30 weeks of instructional time.
- For purposes of the definition of an academic year, a week is a consecutive 7-day period.
- For an educational program using a semester, trimester, or quarter system or clock hours, the Secretary considers a week

of instructional time to be any week in which at least one day of regularly scheduled instruction, examinations, or preparation for examination occurs.

- For an educational program using credit hours (but not using a semester, trimester, or quarter system), the Secretary considers a week of instruction to be 5 days.
- Instruction time does not include periods of orientation, counseling, vacation, or other activity not related to class preparation or examinations.

Academic Calendar

The academic calendar is available at tsu.edu/registrar/academic-calendar/index.html (<http://www.tsu.edu/registrar/academic-calendar/>). The university reserves the right to adjust specific dates on the academic calendar without prior notice.

Credit Hour (Semester Credit Hour)

A unit of measuring educational credit based on the number of classroom hours (or equivalent course work) per week throughout a 15-week period in a semester. It is applied towards the total number of hours needed for completing the requirements of a degree, diploma, certificate or other formal award.

Contact Hour

A unit of measure that represents an hour of scheduled instruction given to students of which 50 minutes must be of direct instruction.

Face-to-Face/On Campus Course Delivery

Traditional classroom environment where the instructor and the students are not separated by geographic space or time. A course in which a majority (more than 50 percent) of the planned instruction occurs when the students and instructor(s) are in the same place and are not separated by geographic space or time. For a three-credit class, this would be at least 23 hours of face-to face instructions, with no more than 22 hours of online and or hybrid course instruction.

Face-to-Face/On Campus Program

Traditional classroom environment where the instructor and the students are not separated by geographic space or time. Courses offer face-to-face/on campus course work, however can include online or web-enhanced course work (not more than 50 percent) that could be delivered in a distance education format if within the guidelines of face-to-face/on campus course delivery and outside the online/hybrid guidelines. Students in these programs would be required to live in or close to the campus.

Distance Education

Note: Texas Higher Education Coordinating Board Defines Distance Education as:

Coordinating Board rules define distance education as "The formal educational process that occurs when students and instructors are not in the same physical setting for the majority (more than 50 percent) of instruction". Distance education can include courses and programs offered online, off-campus face-to-face, and electronic-to-groups. Coordinating Board rules recognize two categories of distance education courses: fully distance education courses and hybrid/blended courses. A fully distance education course is defined as "A course which may have mandatory face-to-face sessions totaling no more than 15 percent of the instructional time. Examples

of face-to-face sessions include orientation, laboratory, exam review, or an in-person test." A hybrid/blended course is defined as "A course in which a majority (more than 50 percent but less than 85 percent), of the planned instruction occurs when the students and instructor(s) are not in the same place".

Fully Online Course Delivery

Courses conducted via web-based instruction and collaboration. Fully online course delivery may require minimal campus attendance, face-to-face orientation, or in-person/proctored examinations with approval of program proposal through the University Academic Council process. Credit bearing course that replaces more than 85 percent of face-to-face seat time with technology enhanced instruction. The more than 85 percent refers to required attendance/participation. For a three-credit class, this would be no more than seven (7) required hours could be face-to-face, with the remainder online.

Hybrid Course Delivery

A course in which a majority (more than 50 percent but less than 85 percent), of the planned instruction occurs when the students and instructor(s) are not in the same place. For a three-credit class, this would mean between 23 hours and less than 38 hours of instruction between students and instructor(s) are not in the same place.

Fully Online Program

Programs where at least 80 percent of all courses are delivered via web-based instruction, videoconferencing, or at an off campus. For example, 80 percent of a 36-hour graduate program would be that 28.8 credit hours are online.

Note: The Designation of 100% Online (Course/Program):

The designation of 100% Online (Course/Program), means the entire course and/or program is online. For programs that require a practicum/rotation, if students can complete these in their own community, the program is still considered online (e.g. If a program is approved for 100% Online delivery, then each of the courses within the program must also be offered as 100% Online delivery).

Hybrid/Blended Program

Programs where at least 50 percent not more than 80 percent of all courses are delivered via web-based instruction, videoconferencing, or at an off-campus site. For example, 50 percent of a 36-hour graduate program would be that 18 credit hours are online.

In addition, online and or hybrid programs are required to follow the Texas Higher Education Coordinating Board rules governing the offering of distance, off-campus, and self-sustaining education. For students, online and or hybrid programs may require minimal campus attendance, a face-to-face orientation or in-person/proctored examinations with approval of program proposals through the University Academic Council process.

Note: Texas Higher Education Coordinating Board rules governing the offering of distance (i.e. Online and Hybrid Programs), off-campus, and self-sustaining education

- Chapter 4, Subchapter P (rules governing online, hybrid/blended, electronic-to-groups)
- Chapter 4, Subchapter Q (rules governing off-campus face-to-face, out-of-country, out-of-state)

- *Chapter 7 (rules governing degree granting colleges and universities other than Texas public institutions)*

About the University

Mission

Texas Southern University is a student-centered comprehensive doctoral university committed to ensuring equality, offering innovative programs that are responsive to its urban setting, and transforming diverse students into lifelong learners, engaged citizens, and creative leaders in their local, national, and global communities.

Vision

Texas Southern University will become one of the nation's pre-eminent comprehensive metropolitan universities. We will be recognized by the excellence of our programs, the quality of our instruction, our innovative research, and our desire to be a contributing partner to our community, state, nation, and world.

Organization for Instruction

The University is organized for academic instruction as eleven colleges and schools. The names of these instructional units appear below:

- **The Jesse H. Jones School of Business**
- **The College of Education**
- **The Thurgood Marshall School of Law**
- **The School of Communication**
- **The College of Liberal Arts and Behavioral Sciences**
- **The Barbara Jordan - Mickey Leland School of Public Affairs**
- **The College of Pharmacy and Health Sciences**
- **The College of Science, Engineering, and Technology**
- **The Graduate School**
- **The College of Continuing Education**
- **The Thomas F. Freeman Honors College**

Campuses

Texas Southern University is located in Houston, TX, the fourth largest city in the US and one of the fastest-growing and forward-moving cities in the world. Nestled upon a sprawling 150-acre campus, Texas Southern University is located in the heart of the city in Houston's historic Third Ward, giving its students and faculty easy access to the Museum District, neighboring educational institutions, the Texas Medical Center, City Hall, downtown Houston, and all of the city's major freeways.

Regents and Administration

BOARD OF REGENTS

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Faith Ruiz	Executive Director of Board Relations
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David Yen	Dean, Jesse H. Jones School of Business
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Joan Bullock	Dean, Thurgood Marshall School of Law
Needha Boutte-Queen Sciences	Dean, College of Liberal Arts & Behavioral
George Kieh of Public Affairs	Dean, Barbara Jordan–Mickey Leland School
Rashid Mosavin Sciences	Dean, College of Pharmacy and Health

Azime Saydam
and Technology

Interim Dean, College of Science, Engineering

Dianne Jemison-Pollard Dean, Thomas F. Freeman Honors College

Policies

- Notice of NonDiscrimination Policies (p. 431)
- Campus Carry Policy (p. 431)
- University Commitment and Student Responsibilities (p. 431)

Notice of Nondiscrimination Policies

Texas Southern University is in compliance with Title VI of the Civil Rights Act of 1964 and does not discriminate on the basis of race, creed, color, or national origin. It is also in compliance with the provisions of Title IX of the Educational Amendments of 1972, which prohibit discrimination on the basis of sex. Further, the University is in compliance with the Americans with Disabilities Act (ADA) of 1990 and with Section 504 of the Rehabilitation Act of 1973 as amended.

It is the policy of the University that sexual harassment as defined in the EEOC Guidelines will not be tolerated among members of the Texas Southern University community. Any complaint of sexual harassment should be reported immediately to the appropriate person as designated by the Provost/Senior Vice President for Academic Affairs and Research.

Campus Carry Policy

Notice of Licensed and Concealed Weapons on Campus Policy

On June 1, 2015, Gov. Greg Abbott signed S.B. 11, also known as the "campus carry" law. S.B. 11 provides that license holders may carry a concealed handgun throughout university campuses, starting Aug. 1, 2016.

Please visit the following web-link to access Texas Southern University's campus carry policy: www.police.tsu.edu/index.php/prevention-safety/campus-carry (<http://police.tsu.edu/index.php/prevention-safety/campus-carry/>).

Additional information can be found at the TSU Department of Public Safety's web-site: www.police.tsu.edu (<http://police.tsu.edu/>).

The TSU Department of Public Safety has created a video to inform and educate the campus community regarding the "Campus Carry" Law. Please watch the entire video to stay informed regarding this new law. The video can be accessed at the following YouTube web-link: [www.youtu.be/f7fg4Ts9mVA](https://youtu.be/f7fg4Ts9mVA) (<https://youtu.be/f7fg4Ts9mVA/>).

University Commitment and Student Responsibilities

University Commitment

On June 17, 1973, the Texas Legislature designated Texas Southern University a "special purpose institution of higher education for urban programming." Subsequent to this mandate, the designation and the University motto of "Excellence in Achievement" were welded in order to formulate the institutional mission. Accordingly, the University is committed to the management of a comprehensive educational curriculum that will render the motto creditable.

Student Responsibilities

Texas Southern University provides a student-centered learning environment in which students are afforded opportunities to practice self-discipline, to assume responsibilities as maturing adults, and to enjoy certain freedoms. When students elect to enroll at the University, they also accept and agree to abide by the rules, regulations, and policies by which the University is governed. Inasmuch as enrollment is voluntary, acceptance is voluntary. On this basis, students cannot, without great personal liability to their continued association with the University, obstruct, hamper, disrupt, or otherwise interfere with the institution's attainment of its lawful mission, please refer to the Student Code of Conduct (www.tsu.edu/ssp/pdf/tsu-student-code-of-conduct.pdf) for additional information. The institution, therefore, has both the right and the obligation to promulgate rules and regulations designed to promote attainment of its purpose.

Freedom of Expression

Texas Southern University ("TSU") recognizes that freedom of expression and public assembly are fundamental rights of all persons, and are essential components of the education process. These activities promote debate and the sharing of ideas, which are the foundation of educational institutions. In keeping with this responsibility, any person is free to exercise the rights to assemble and engage in expressive activity in a constitutionally protected manner subject only to the content-neutral regulations necessary to fulfill the mission and obligations of TSU, preserve the rights of others, coordinate multiple uses of limited space, assure preservation of the campus facilities and grounds, and assure financial accountability for any damage caused by these activities. Please refer to Student Life policies (www.tsu.edu/mapp/pdf/student-affairs/050101-freedom-of-expression-001.pdf) (<http://www.tsu.edu/mapp/pdf/student-affairs/050101-freedom-of-expression-001.pdf>) for additional information.

Accredited Programs

Texas Southern University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, masters, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions concerning the accreditation of Texas Southern University.

In the College of Liberal Arts and Behavioral Sciences, the Social Work Program is accredited by the Council of Social Work Education, and the Dietetics Program is accredited by the American Dietetic Association.

The College of Education is holds NCATE accreditation through the Council for Accreditation of Educator Preparation programs. It is also accredited by the Texas Education Agency, the Texas Workforce Commission, and the Texas Association of Colleges. It also holds membership in the Council for the Accreditation of Educator Preparation Programs and the Association of Colleges for Teacher Education.

The Jesse H. Jones School of Business is accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

The College of Pharmacy and Health Sciences is accredited by the American Council of Pharmaceutical Education and is a member of the American Association of Colleges of Pharmacy.

In the Barbara Jordan-Mickey Leland School of Public Affairs, the Master of Public Administration program is accredited by the Network of Schools of Public Policy, Affairs and Administration (NASPAA) and holds membership in NASPAA; The Masters of Urban Planning and Environmental Policy program is accredited by the Planning Accreditation Board (PAB) and holds membership in the Association of Collegiate Schools of Planning (ACSP).

Four of the programs in the College of Science, Engineering and Technology hold special certification and/or accreditation: the chemistry program is certified by the American Chemical Society; the electronics engineering technology program is accredited by the Engineering Technology Commission of the Accreditation Board for Engineering and Technology (ETC of ABET); and the industrial technology and airway science management programs are accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

The Thurgood Marshall School of Law is accredited by the American Bar Association, and is a member of The Association of American Law Schools, and the American Association of Law Libraries.

The Library Learning Center

The Texas Southern University's Library Learning Center supports the university's academic and research mission and vision by providing easy access to relevant adequate and appropriate library and information resources, services and support. These services and resources are designed to enhance and facilitate scholarship. Through information literacy, the library prepares 21st-century learners to be lifelong learners in the information age. The library's knowledgeable and experienced team provides reference and research assistance, consultation and instruction.

The library's principal resources consist of comprehensive collections of print and non-print materials that support course offerings, instruction and research. The current print collection consists of fewer than 100,000 circulating items. However, the library licenses and provides access to an impressive collection of over 260 electronic databases, affording access to thousands of full text e-journals. Additional electronic databases provide access to thousands of e-books. Most of these electronic databases are accessible on campus, off campus and through electronic mobile devices.

In support of a multi-disciplinary approach to scholarship, the new Library Learning Center is designed to encourage collaboration and to house a comprehensive collection of relevant resources that support the curriculum. As increased emphasis on timely access to relevant content drives institutional demands for electronic resources, the library responds by continuously analyzing feedback and strengthening the collections. Registered students have access to most resources, both on- and off-site.

The library catalog is searchable 24/7. Materials are classified using the Library of Congress (LC) Classification System and are distributed throughout the third, fourth and fifth floors of the Library Learning Center

To encourage and reinforce study, a number of closed study rooms, individual study carrels, and collaborative study areas are provided on most floors. With the exception of Special Collections, the library maintains open stacks.

Special Collections and the Traditional African Art Gallery are located on the second floor of the Library Learning Center. Many of the University's "treasures" are housed in these collections. These unique holdings constitute diverse collections with local, state, regional, national and international significance. Among the collections are the

Congresswoman Barbara Jordan Archives, The Traditional African Art Gallery, The Heartman Collection on African American Life and Culture, and The University's Archives. Hours may vary.

Public access kiosks are located throughout the Library Learning Center. Wireless access is available throughout the Center. Online Services provided by the Library Learning Center include: bibliographic (course-centered) instruction, information literacy instruction, "Ask A Librarian" (Chat or email), My Account, interlibrary loan and document delivery. Distance Learning Services and reciprocal borrowing from TexShare libraries are available for currently enrolled students, and current TSU employees. Under normal circumstances, students are eligible to borrow materials directly from most Texas state colleges and universities. Additional information regarding this service may be obtained by calling the Library Learning Center (713-313-7148). Other services offered include access to photocopying equipment and free scanning services for persons with disabilities. For more information, see the Texas Southern University's Library Learning Center's website or contact the Reference Desk at 713-313-7402.

The Office of Information Technology (OIT)

Who We Are

Welcome to the Office of Information Technology (OIT) at Texas Southern University. OIT has integrated systems throughout the campus to improve IT services, technology adoption, and student success. Essential to this effort has been the centralization of technologies and resources with a clearly defined mission.

This mission has been accomplished by taking a leadership role in university-wide strategic planning for information systems, creating user engagement, and recommending innovative uses of technology to meet the needs of the university. OIT works to enhance the quality and customer experience of information technology services. OIT responsibilities related to technology services fall within the following domains: "Enterprise Engagement, Enterprise Solutions, Enterprise Technology, and Enterprise Applications."

Our Vision

To be an exemplary service-oriented partner of the students, faculty, staff, and the community of Texas Southern University. Our vision is aligned with the Top 5 Priorities of the University: Student Success and Completion, Academic Program Quality and Research, Culture, Partnerships, and Finances.

Our Mission

The mission of the Office of Information Technology is to support the mission of Texas Southern University by delivering technology services, solutions and guidance.

Have an issue?

You can submit a self-service help desk ticket by visiting www.itservicecenter.tsu.edu (<http://www.tsu.edu/about/administration/office-of-information-technology/support-training/>), or calling 713-313-HELP (4357).

For assistance with resetting your TSU Network password, please visit [www.mypassword.tsu.edu](https://mypassword.tsu.edu) (<https://mypassword.tsu.edu/>)

TSU Online

TSU Online seeks to firmly embed online education and other instructional technologies as key elements of the teaching and learning culture of Texas Southern University (TSU). TSU Online has a broader aim to enhance the University's reputation for teaching excellence and to provide a richly interactive and stimulating learning environment for students, faculty and staff alike. This section highlights TSU Online services, direct and indirect, reflecting their relationship to and impact on the student and faculty experience with instructional technologies as follows:

- **Direct Services:** touch both students and faculty utilizing various instructional technologies and services such as the Learning Management System (Blackboard Learn), online faculty development, digital content development, and course instructional design.
- **Indirect Services:** comprise the enabling services for the effective delivery of direct services including classroom technology support, student academic technology support, distance learning equipment maintenance and support, academic software development, and College/School website development and maintenance.

Technology and Coursework Completion

1. **Blackboard and Your Course**
 - a. All Courses at Texas Southern, whether classroom based or wholly online, may utilize Blackboard for coursework delivery to varying extents depending on the instructor. Online courses are heavily dependent of blackboard for content delivery, student engagement and interaction, grade reporting, and synchronous/asynchronous lecture delivery. Familiarity with blackboard is critical to your success as a student. Here are a few things to know about blackboard for coursework delivery at Texas Southern:
 - b. The Login URL: www.texasu.blackboard.com (<http://texasu.blackboard.com/>)
 - c. The Student Resources link on the blackboard log in page contains various resources to help you get started, including tutorial videos.
2. **Coursework Participation**
 - a. Both face-to-face and online courses may utilize blackboard for coursework delivery. This includes ongoing assessments, assignments, tests, and paper submission. It is the responsibility of the student to be mindful of the following:
 - b. **Confirm technical requirements and Workspace:** Online classes can benefit students with busy schedules, but only if they can access the materials. Make sure you will have access to a good working computer with appropriate productivity software suites, reliable internet connection, and an ideal location to take tests and participate in online web conferences as needed.
 - c. **Connect with instructors early:** Send your instructor a note, an email, introducing yourself and what you hope to get out of the class. Share your thoughts and course needs as the semester progresses. Instructors love to hear from students, however, keep the communication chatter free.
 - d. **Create a schedule:** Familiarize yourself with the full semester schedule and contact your instructor early to see if accommodations can be made if you sense a conflict might occur during the semester. Otherwise, stay on schedule.
 - e. **Stay organized:** Students enrolled in traditional courses usually have a consistent schedule to follow each week, with in-class

instruction followed by out-of-class assignments. Find ways to stay on top of your coursework by utilizing tools such as electronic calendars, digital reminders, and other mobile electronic resources that can alert you to pending deadlines.

- f. **Know your rights:** Students taking online classes have very similar rights as on campus students. Consult your student handbook for more information.

What to Expect When Taking Online Courses at TSU

Online courses at TSU are offered primarily as asynchronous (any time), Web-based instruction. While anytime, anywhere learning increases the accessibility of TSU courses, students should reflect carefully on whether online courses match their learning style and expectations for study. In particular, students should self-assess their level of readiness to learn in an online environment. Online courses are geared for the mature, self-motivated learner. They are not easier or less time-consuming than face-to-face (F2F) courses; many students feel that online courses initially require additional effort to adapt to new modes of course delivery and new ways of interacting with the instructor and fellow students.

Online courses are designed as active and collaborative (including peer-to-peer) learning environments. The instructor will provide his or her expertise through lectures, readings, activities, and discussions with students, serving as a facilitator, and encouraging students to explore and interact with fellow learners to reach new levels of understanding and knowledge. Some instructors may even schedule optional synchronous (a.k.a., real time) meetings to aid students.

Successful peer interactive learning requires regular attendance and participation; students enrolled in online courses are expected to log into the course website frequently (at least four or five times per week). Although asynchronous courses allow for flexibility in how students schedule their class work, activities and assignments often follow a rigorous schedule with firm deadlines. Typically, students will log into their course at the beginning of each week to receive instructions about what learning activities to complete; these activities are often bundled as a "learning module." Over the course of each week, they will be required to complete various activities (e.g., quizzes, exercises, short papers) and participate in online discussions by the dates the instructor has established in the syllabus and weekly learning modules. Students may also work on term projects over the course of the term in addition to weekly assignments.

Throughout the semester, online classroom participation through Web tools such as discussion boards, weblogs, and wikis are expected on a regular basis and often represents a significant portion of the final grade for the course (30 percent or higher in many cases). Students should examine the syllabus closely to determine requirements for the course and weighting of each assignment.

Getting Help and Contacting TSU Online

For assistance with blackboard and other instructional technologies for coursework related activities you may contact TSU Online through any of the following options:

Email: tsuonline@tsu.edu
 Phone: (713) 313-7242
 In Person: Mack H. Hannah Hall 320
 General Office Hours: Monday – Friday (8am – 5pm)

The Graduate School

Goals and Objectives

The Graduate School's major goal is to provide an environment that supports the enhancement of research, teaching, and other scholarly pursuits for students seeking advanced degrees in specialized academic disciplines. Through graduate study, high-level scholarship, diligence, and excellence are encouraged and emphasized by the involvement of students in courses, seminars, independent study and research. Graduate degree programs are structured to enable students to obtain education and training in specialized academic subjects. Through these experiences graduates are prepared and can provide leadership and expertise to meet the needs and demands of an ever-evolving, diverse society.

Within the context of these goals, the graduate program of the University seeks to provide an environment wherein the pursuit and appreciation of learning is nourished and enhanced to the maximum extent.

The major objectives of the Graduate School are:

- Provide advanced programs of study in specialized academic disciplines.
- Provide students with knowledge of the concepts and techniques for scholarly research.
- Teach students to anticipate consequences and evaluate the validity of assumptions.
- Prepare students to synthesize the essence of knowledge drawn from several related courses in an academic discipline.
- Train students in the techniques of problem solving through the use of systematic analysis.
- Prepare students to become creative contributors to the advancement of knowledge and to the well being of society.

The objectives of the Graduate School are undergirded by a commitment to intellectual honesty, thoroughness, and accuracy. These virtues are emphasized by the University and apply to faculty and student involvement in courses, seminars, independent study, and research. Graduate degree programs are structured to enable students to obtain specialized as well as interdisciplinary training in the various academic disciplines.

Through legislative mandate, the University and the Graduate School are committed to the development of programs and services that enable students and faculty to study the complex urban milieu and to render service to the urban community. Therefore, an overall goal of the Graduate School is to develop highly trained graduates for service in the public and private sectors with a knowledge of and interest in providing leadership and expertise in the solution of urban problems.

The policies governing admissions and the requirements for qualifying for professional certificates and degrees have been formulated to attract students who have the potential for achieving maximum benefits through an involvement in a graduate program. The ultimate aim is to develop an intellectually oriented individual who appreciates his/her culture and is capable of achieving social, political and economic security as the result of being involved in a graduate program offered by Texas Southern University.

Organization

The Graduate School is organized as an integral unit of the University under the Office of Academic Affairs. The faculty members of the Graduate School are drawn from other component academic units at the University and are responsible for instruction, research, and student academic advising. All graduate programs are administered by the Dean of the Graduate School on the basis of policies and regulations established by the Graduate Council.

The Graduate Council is a standing committee of the University and includes faculty, students and administrative representatives from academic units of the University that have graduate programs. Each unit, including the library and Registrar's Office, has one representative on the Council. Two students are included in the Council membership. Department heads and deans are ex-officio. The Dean of the Graduate School is the Chair of the Council.

Each academic department has faculty members who serve as academic advisers to graduate students. In some departments a graduate coordinator has been named. All graduate advisers function under the policies and regulations approved by the Graduate

Council. Department chairpersons recommend faculty for graduate status and students for assistantships and scholarships. Each department reviews applications for admission to its degree programs and recommends students for admission to the Graduate School. The Dean of the Graduate School takes final action on applications for admission.

Faculty

The faculty of the Graduate School consists of persons who have been approved for graduate faculty status and includes three categories: regular, associate, and special faculty. Regular faculty members are approved for five-year periods, whereas associate faculty members are approved every three years, and, special faculty must be approved each year. Most graduate faculty members have had more than five years of college level teaching experience and have published scholarly books and papers in leading journals. Some are engaged in research projects supported by federal, state, or private grants.

Students

The student population is ethnically diverse and includes persons from most states across the country. A relatively large corps of international students also matriculates in the Graduate School.

Research

The graduate faculty is involved in myriad research projects funded by federal, state, and private grants. Significant research centers on urban and instructional issues. These research activities have resulted in publications in various scholarly journals and books. Effective Fall 2016 Dissertations and Theses are submitted to ProQuest electronically and are available online.

Degrees

The Graduate School offers degrees at the master's and doctoral levels. Master's degree offerings are as follows: Master of Arts, Master of Business Administration, Master of Urban Planning and Environmental Policy, Master of Education, Master of Public Administration, and Master of Science. Doctoral degrees offered through the Graduate School consist of the Doctor of Education with concentrations in Curriculum

and Instruction, Counselor Education, and Educational Administration, and the Doctor of Philosophy degree in Administration of Justice, Environmental Toxicology, Pharmaceutical Sciences, and Urban Planning and Environmental Policy.

Programs of Study

Graduate students can select degree programs housed in the University's Colleges and Schools.

In the College of Liberal Arts and Behavioral Sciences, master's degrees are offered in English, history, human services and consumer sciences, psychology, and sociology.

In the School of Communications, a master's degree is offered in speech communication, journalism, and radio television film (RTF).

In the College of Education, master's degrees are offered in educational administration, curriculum and instruction, counseling, and in Health, Kinesiology & Sport Studies as well as doctoral degrees in curriculum and instruction, counselor education, and educational administration.

In the Jesse H. Jones School of Business, master's degrees are offered in management information systems and business administration.

In the College of Science, Engineering and Technology, master's degrees are offered in biology, chemistry, computer science, environmental toxicology, mathematics and transportation, and the Ph.D. is offered in environmental toxicology.

In the College of Pharmacy and Health Sciences, master's degrees are offered in health care administration, pharmaceutical sciences and the Ph.D. is offered in pharmaceutical sciences.

In the Barbara Jordan/Mickey Leland School of Public Affairs, master's degrees are offered in public administration, administration of justice, and urban planning and environmental policy and the Ph.D. is offered in administration of justice and in urban planning and environmental policy.

The master's degree may be earned by either one or two plans: Plan A, with the thesis, or Plan B, without the thesis. In some departments the preparation of an approved thesis is mandatory. The student should consult the department of his or her major, and the student should indicate which plan he or she will follow at the time of matriculation. (See respective department programs for the details of Plan A and Plan B.)

The completion of an approved dissertation is required for the Doctor of Education degree and the Doctor of Philosophy degree.

Each student should complete a degree plan during the first semester of enrollment through consultation with the chairperson of the department.

General Regulations

Each graduate student should understand and adhere to the regulations of the Graduate School, the calendar of events, and the requirements for degrees. It is the responsibility of the graduate student to comply with the regulations and requirements of the Graduate School as stated in the graduate bulletin and in other official documents.

Admission Requirements

Admissions Program Administration

Applications for admission to all graduate degree programs of the University are processed through the Graduate School. The Graduate

Admissions Committee within the department reviews all applications, and the decisions of the Committee are referred to the Dean of the Graduate School.

Persons interested in applying for admission to the Graduate School can apply online at: <https://app.applyyourself.com/?id=tsu>

Application materials not submitted online need to be forwarded to:

The Graduate School, Texas Southern University, TSU Box #1254, 3100 Cleburne Avenue, Houston, Texas 77004

Please visit the following link to access Graduate Admission FAQs (Frequently Asked Questions):

<http://www.tsu.edu/faqs/graduate-admission> (<http://www.tsu.edu/faqs/graduate-admission/>)

Procedures and Regulations

All applicants must request the registrars of institutions previously attended to forward two official transcripts to the Graduate School of Texas Southern University. These transcripts must be received from each institution in which the applicant has previously enrolled before action will be taken on the application.

For foreign students, student a TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the Internet based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required. Alternately, an equivalent score from an approved English as a Second Language (ESL) program can be submitted for consideration.

The applicant's official credentials, including completed application form and transcripts of previous work, must be on file in the Office of the Graduate School at least four weeks before the date of registration.

Types of Admission

An applicant who is **unconditionally admitted** to the Graduate School is immediately eligible to pursue a program of study leading to the master's degree, the doctorate, or the professional certificate. Each applicant should choose a field of specialization and work out a degree plan in consultation with his/her adviser.

Applicants may also be **admitted on a conditional basis**; these conditions will be outlined in the applicant's respective admissions letter. It is the responsibility of the applicant to notify the Graduate School when he or she has fulfilled the conditions stated in the admissions letter.

Graduate School Policy regarding GRE (Graduate Record Exam) Requirements

Please note that the Graduate School policy regarding GRE requirements is a general policy across all degree programs under the jurisdiction of the Graduate School at Texas Southern University. Individual Programs and/or Departments and/or Colleges/Schools may have requirements that exceed the minimal requirements detailed by this policy, and, if so, the policy as mandated by the Program, Department and/or College/School will be applicable.

Doctoral Programs

For all Doctoral Programs (Ph.D. and EDD) applicants MUST submit a valid and acceptable GRE score. Applications for Doctoral Programs will NOT be processed without an official GRE score on file with the Graduate

School at Texas Southern University. Doctoral program applicants are NOT eligible for conditional admission appertaining to later submission of a valid and acceptable GRE score.

Masters Programs

For Masters Programs the Program, Department and/or the College/School will specify the GRE requirement, or in the case of the School of Business, the GMAT requirement. If a Masters Program requires the GRE, applicants **must** submit a valid and acceptable GRE score. Applications for Masters Programs requiring the GRE will **not** be processed without an official GRE score on file with the Graduate School at Texas Southern University. The same applies to any Business Graduate programs requiring the GMAT. Masters program applicants for programs requiring the GRE are **not** eligible for conditional admission appertaining to later submission of a valid and acceptable GRE score. The same applies to any Business Graduate programs requiring the GMAT.

Seniors in Graduate Courses

A senior at Texas Southern University who demonstrates superior scholastic ability and needs fewer than 12 semester hours to complete the bachelor's degree may be permitted to take graduate courses. The head of the major department, the Dean of the undergraduate college, and the Dean of the Graduate School must approve requests from seniors for permission to take graduate courses. Permission to take graduate courses during the senior year does not constitute admission to the Graduate School. Moreover, such credits may not be applied toward fulfillment of the residence requirement for the master's degree. No more than six (6) semester hours of graduate course work may be taken by seniors.

Readmission

A student who discontinues matriculation in the Graduate School for one academic year must apply for readmission. The evaluation of applications for readmission will be based on University and specific program admission requirements in existence at the time of the re-admission application.

Admission and Enrollment

Unconditional Admission

For unconditional admission to the Graduate School as a Degree Applicant, the applicant must meet all of the following conditions:

1. Graduation with the bachelor's degree, or its equivalent, from an accredited college or university. An example of the "equivalent," as indicated above may be an international student who has graduated from a college or university that issues a diploma or certificate instead of a degree.
2. A satisfactory undergraduate sequence of courses for the proposed degree.
3. A grade point average (GPA) in all undergraduate work of 2.50 or better or a grade point average (GPA) of 3.0 on the last 60 semester hours of undergraduate course work (GPA on a 4 point scale).
4. Subject to program requirement - a score on the aptitude section of the Graduate Record Examination (GRE), or GMAT, which will be used in conjunction with other admission factors.
5. If the applicant is an international student a TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the Internet based test is required. An official IELTS score can

be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

6. Evidence of meeting English Proficiency requirement as required by the Graduate School and/or detailed by program of study.

Conditional Admission

Conditional admission to graduate degree programs may be permitted for those applicants who do not satisfy all of the requirements for unconditional admission. Please note that for programs requiring a GRE or GMAT score there is no consideration for conditional admission unless a valid official copy of the score has been received. Final disposition of cases involving students who have been admitted on condition rests with the appropriate department and the Dean of the Graduate School.

Non-Degree Admission

Individuals with baccalaureate degrees who wish either to improve their credentials before application to a graduate degree program or to enhance their career prospects through additional training may apply for admission to the Graduate School as non-degree seeking students. Students must apply to a particular program as a non-degree seeking student. Not all programs have the capacity to accept non-degree students, and some courses will not be available to non-degree students. To apply as a non-degree student, an applicant must

- Submit an application with the required fee.
- Have a copy of the official transcripts for all previous undergraduate and graduate work sent directly to the Graduate School office (Students with degrees from non-U.S. institutions must submit an evaluation of a verified copy of their transcript showing all courses taken and their equivalents)
- Be approved for admission as a non-degree student by the program to which they apply.

In order to gain admission to a degree program, non-degree students must reapply for regular admission. No more than 12 hours of graduate credit earned as a non-degree student may be applied towards a graduate degree.

Responsibility for Admission

The appropriate department will make the recommendation for admission. Recommendations for admissions are submitted to the Dean of the Graduate School for final action.

All graduate students engaged in independent study or in research related to the preparation of a thesis or dissertation must be enrolled at Texas Southern University for a minimum of three (3) semester hours during each semester or summer session in which the study or research occurs.

With the exception of students who must remove incomplete grades, all graduate students must be enrolled at Texas Southern University during the semester wherein degree program requirements are expected to be completed. The requirements include but are not limited to the English Proficiency Requirement, the Comprehensive Examination in the major and/or minor areas, the Foreign Language Examination, the Thesis or Dissertation Examination, and the Final Doctoral Examination.

Advising

Academic advising is an integral and necessary part of the higher education process. Faculty advisors in the academic departments have

the responsibility of advising those students who have met all admission requirements and are enrolled in the department's degree programs based on:

1. the most current information available to them about departmental, college, and university requirements and
2. students' interests, needs, and abilities.

All graduate students are assigned advisors by their department.

Specific responsibilities of advisors include

- Helping students to define and develop realistic goals.
- Matching students to available resources.
- Assisting students in planning programs of study consistent with their abilities.
- Helping students monitor their progress toward graduation.

Although academic advisors will assist students in every way possible, students are expected to accept full responsibility for their academic programs of study, including the satisfactory completion of all requirements.

Registration Policies and Procedures

All students must register by the beginning of each semester or term. Each student is assigned a faculty advisor, who assists in planning a program of study. Complete registration instructions are contained in the schedule of classes each semester or term. Students are registered for and entitled to attend classes only when they have completed the prescribed procedures, including the payment of fees, which is a part of registration. **A student is not registered with the University and therefore not entitled to University privileges until fees are paid. All unpaid course selections will be purged from the database of student records after the twentieth (20th) class day during a regular semester and after the fourth (4th) class day during a summer term.**

Students planning to return to the campus after an absence of one year or after earning credits at another institution are required to apply for re-admission and have transcripts mailed from the schools attended.

Registration and Payment of Fees

Official registration days for each semester and each term of the summer session are indicated in the University Calendar. Students are required to provide their transcripts for use by counselors in preparing their schedules each semester.

Registration is not complete until tuition and fees are paid. Students with unpaid fees are not entitled to University privileges. Students are required to have sufficient funds to cover all required tuition, fees, and deposits.

Auditing

With the consent of both the chair of the administering department and the course instructor, a student may audit a course. Auditors shall be registered, shall receive no credit for audited courses, and shall pay the same fees as a student enrolled for credit.

Credit by Examination

Credit by examination is not allowed for graduate programs.

Concurrent Enrollment

A student concurrently enrolled at Texas Southern University and another college or university may receive total credit for no more than the maximum allowable Texas Southern University load for any given semester or term. In each semester of concurrent enrollment, the student must verify with his or her advisor that the other institution's courses qualify for transfer, notify the Office of Financial Aid at both Texas Southern University and the other institution, and submit the signed agreement form to the Registrar's Office.

Official Enrollment in Class

A student may not attend a class after the first week of classes unless he or she is properly registered for that course and section. Failure to follow proper registration procedures may jeopardize that student's good standing at the University and result in loss of funds and credit. Instructors' class rolls are prepared from the official enrollment records of the Registrar. A student whose name does not appear on the class rolls should contact the Registrar's Office to verify his or her proper registration.

Discontinued Classes

The University reserves the right, when necessary, to discontinue classes or to alter otherwise the schedule. If a class is discontinued, students will be notified at the first scheduled class meeting, whenever possible, so that they may register for alternate courses. Students who are enrolled in a discontinued class must officially drop the course; students who wish to enroll in another section or another course must immediately and officially carry out the drop and add process.

Academic Regulations

Student Course Load

To be considered full-time, a student must register for at least nine (9) semester hours of graduate work per semester; the maximum load is fifteen (15) semester hours of graduate. Any deviation from this regulation requires the approval of the Dean of the Graduate School. The maximum student course load during a six-week summer term is six (6) semester hours. Those students who hold graduate assistantships, are employed either full or part-time, or have extended responsibilities in the home or community may be restricted to a course load of no more than nine semester hours per semester.

Full-Time Student Status When Working On Thesis/Dissertation

In general, Graduate students enrolled in nine or more credit hours per semester are considered full time; however, the following exceptions apply:

Masters Degree Program

After completing all required course work and qualifying exams, a master's student may be considered full-time while enrolled in a 3 credit hour thesis course. This full time status can be maintained for two semesters of uninterrupted enrollment without skipping a regular semester (Fall or Spring).

Doctoral Degree Program

After entering candidacy status, a doctoral student may be considered full-time while enrolled in a 3 credit hour dissertation course. Doctoral candidates may maintain full-time status via this enrollment option

provided that (i) enrollment is uninterrupted without skipping regular semesters (Fall or Spring); and (ii) until completion of the total number of dissertation credit hours designated by their program and included on their degree plan.

International Graduate Students

In addition to the above requirements, International students must have completed all course work (masters or doctoral) and must have a signed and dated letter of approval/support from their academic advisor for each semester of such enrollment. A copy of the letter must be forwarded to the International Programs Office and the Graduate School.

Please note that this enrollment option cannot be used to extend the time to degree completion as stipulated for the graduate degree program.

Repeated Courses

When a course is repeated, the semester hours attempted and the grade and quality points earned in the course when last taken shall be counted toward satisfying graduation and/or certification requirements unless the course is designated in the bulletin as one that may be taken more than once for credit. When a course is repeated, the semester hours attempted and the grade and quality points earned in the course when it was taken prior to the last time shall be disregarded for graduation or certification requirements.

Substitution of Courses

Reasonable and logical substitutions (within a department and within an area) may be made when authorized by the advisor and the head of the major department and approved by the Dean of the Graduate School. The Dean shall transmit approved substitutions to the Registrar. All petitions for substitutions must be submitted through appropriate officials not later than two weeks before the candidate's date of intended graduation.

Waiving of Courses

No graduate course requirements will be waived.

Class Attendance Regulations

All students are required to be present for all class meetings of any course in which they are enrolled. Students are responsible for learning about, becoming knowledgeable of, and complying with the attendance policy stated in the catalog and/or faculty syllabus. Faculty members will provide details on the rules for attendance in their classes in their course syllabi. Faculty members will keep students' attendance records.

Record keeping

A record of excused and unexcused absences will be maintained by faculty members. When requested by the student, teachers must inform the student who has been absent whether or not make-up work is allowed and whether or not absences jeopardize the student's standing in a class.

Nonattendance

Students who register for courses for a particular semester must attend their classes starting on the first day of class. Students who have not attended classes up to the 12th day of classes will be reported to the Registrar's office for nonattendance. A student who is reported for nonattendance will be dropped from those classes which he or she has not attended. Students who have supporting documentation offering explanation for their absence(s) must present their documentation to the instructor who reported them for nonattendance. The instructor

may evaluate their supporting documentation and hear their case. If the request for consideration is denied, the student will have to reregister for the course as early as the next semester the class is available. If the instructor approves the student for reinstatement, the instructor shall submit a written request for the student's reinstatement to the Dean of the Graduate School. If the Dean approves the request for reinstatement, he or she will submit a written request to the Registrar's Office for the student's reinstatement.

Change of Program

A student in a graduate department of the University who can satisfy admission requirements of another graduate department may transfer to it with the approval of the department chairs concerned.

Changes in Class Schedule (Adds, Drops, and Withdrawals)

A student may make changes in class schedules with the approval of his faculty advisor and of the department in which the course is offered. **A service fee is charged for each change in program.**

Course changes must be made in person under the following conditions:

Adding courses. In adding courses, the student must obtain the approval of his or her faculty advisor and the department in which the course is offered.

Dropping courses. A student may, for good cause, drop a course with the approval of his or her faculty advisor and the department in which the course is offered under the following provisions:

During the first twelve days of any semester or the first four days of a summer term, a student may drop a course without having a grade recorded for the course.

After the twelfth or fourth class day, a student may drop a course without penalty prior to the published deadline. A grade of W will be recorded. State legislation enforces a limit of six (6) recorded drops, excluding withdrawals, over the college career of a student who enrolls in a Texas public institution of higher education as a first-time freshman beginning fall 2007 or later. Documentation of good cause must accompany any request for exception.

After the published deadline, a student will be permitted to drop a course only upon approval of the student's Dean and only for urgent and substantiated nonacademic reasons acceptable to the Dean.

Withdrawal

To insure his or her possible future standing with the University, a student has the right to withdraw officially. A student wishing to withdraw from the University for the remainder of a session should apply to the Dean of his or her school or college for permission. Having secured the Dean's permission, the student may receive honorable dismissal through the Registrar's Office after he or she has returned all library books, surrendered his or her activity books, and cleared himself or herself with all offices at the University. A student failing to do these things will not be eligible for restitution of any fees.

Reinstatement

Students who are administratively withdrawn from their classes because of non-payment of tuition and fees may petition for reinstatement if and only if extraordinary circumstances prevail. Students may obtain the

prescribed form in the Registrar's Office and must return the petition with evidence of suitable payment options. The Registrar's Office reviews all such petitions on a case-by-case basis. All approved petitions are subject to a late payment fee and a reinstatement fee.

Academic Standards for All Graduate Students

Scholastic Dishonesty

Students must maintain a high standard of honesty in their academic work. They should avoid all forms of academic dishonesty, especially the following:

- **Plagiarism.** The appropriation of passages, either word for word (or in substance) from the writing of another and the incorporation of these as one's own written work offered for credit.
- **Collusion.** Working with another person in the preparation of notes, themes, reports, or other written work offered for credit unless such collaboration is specially approved in advance by the instructor.
- **Cheating on an examination or quiz.** Giving or receiving, offering or soliciting information, or using prepared material in an examination or testing situation. On examinations and quizzes, students are expected (a) to remain in the examination room until the examination is finished, (b) to refrain from talking, and (c) to refrain from bringing notes, books, devices, etc. into the examination room unless otherwise instructed.
- **Impersonation.** Allowing another person to attend classes, take examinations or to do graded assignments for an enrolled student under his or her name is strictly forbidden.

A violator of any of the above offenses will incur severe disciplinary action ranging from suspension to expulsion from the University. Specific guidelines will be administered by each Dean.

Standard of Work

No more than six (6) semester hours of "C" work will be accepted toward the completion of the minimum semester hours of required courses in the master's or doctoral curriculum wherein a student's program of study has been approved. A grade of "C-" or lower is not acceptable toward the fulfillment of degree requirements in the Graduate School.

Regardless of the admission status, each student enrolled in Graduate School is expected to maintain at least a 3.00 (B) grade point average in all graduate work. If at the end of any semester or summer session the student's cumulative grade point average for all graduate work taken in residence, with the exception of grades earned in the thesis/dissertation writing course, is less than 3.00 (B), the student will be placed on probation.

The student on probation who achieves a grade point average of 3.0 or better during the next semester or summer session of enrollment but fails to achieve an overall grade point average of 3.00 (B) will remain on probation.

If a student on probation fails to raise his/her overall grade point average to 3.00 (B) or better, exclusive of incomplete grades for two consecutive semesters or summer sessions of enrollment in courses other than a thesis/dissertation writing course, he/she will be placed on academic suspension through the next semester (in this case, excluding summer terms). A student who fails to achieve a 3.00 overall GPA in the next semester of enrollment following academic suspension will be

disqualified as a degree-seeking student and will be dropped from the Graduate School. A student may appeal for a one semester extension after suspension or dismissal. The student's program coordinator will decide whether or not to support the extension and forward it to the Graduate School. The decision of the Graduate School will be final. Some programs have additional requirements and procedures for ensuring satisfactory progress. Please consult your academic advisor and the relevant section of the catalog.

Subsequent to dismissal from the Graduate School, the student may be readmitted for further graduate study in either the same or a different department as a special student if a petition is approved by the department wherein the student proposes to undertake further study and, by the Dean of the Graduate School. A student who has been dismissed because of unsatisfactory scholarship may not be readmitted for further graduate study in the academic period.

Course Numbers

Courses numbered 500 and above are graduate courses and, with rare exceptions, restricted to graduate students. Undergraduate courses, marked at the right of the course number by an asterisk, may be taken for graduate credit. At least 75% of the course work for the degree must be 500 level or above. No credit below the 500 level is acceptable for doctoral degrees.

In order to receive graduate credit for courses open to both undergraduate and graduate students, the graduate student must perform work of graduate quality and may be required to perform work in addition to that required for the undergraduate student.

The semester-hour requirement for specific degrees and for the professional certificate, where offered, is given in the departmental section of this bulletin.

Grading

The following grades and quality points apply:

Grade	Meaning	Grade or Quality Points Per Credit
A	Excellent	4.00
A-	Intermediate Grade	3.67
B+	Intermediate Good	3.33
B	Good	3.00
B-	Intermediate Grade	2.67
C+	Intermediate Grade	2.33
C	Satisfactory	2.00
C-	Intermediate Grade	1.67
D+	Intermediate Grade	1.33
D	Marginal	1.00
D-	Intermediate Grade	0.67
F	Failure	0
I	Incomplete	0
P	Passing	0
R	In Progress	0
S	Satisfactory	0
U	Unsatisfactory	0
W	Withdrawal	0

The grade “R”, meaning “In Progress”, is given only when the work in a course extends beyond the semester term. It implies satisfactory performance. The grade “R” will not alter the quality point average of the student inasmuch as hours attempted, hours earned, and quality points earned will not be entered in cumulative totals.

Dissertation or Thesis research courses receive grades of satisfactory or unsatisfactory only (S or U). Grades are assigned only after the defense of the dissertation or thesis. A successful defense and submission of the dissertation or thesis requires the supervising member of faculty to assign a satisfactory grade for the appropriate research courses.

An S grade will not factor into GPA computation.

The grade “W” is given for a course officially dropped by the student after the twelfth class day of a regular semester or the fourth day of a summer term and before mid-semester or midterm.

Incompletes

The grade of “I” is given only when a student’s work is satisfactory in quality, but because of reasons beyond his or her control, the work has not been completed. The missing work may be a major quiz, a final examination, a term paper, or other work. It is not given in lieu of an “F.” The instructor will stipulate, in writing, at the time the grade is given the conditions under which the “I” may be removed. This temporary grade of “I” is non-punitive, and semester hours for the course are not considered in the computation of the quality-point average. Removal must be within one calendar year after the “I” is assigned, or the “I” grade shall become an “F.” The grade “I” is not assigned if the student must retake the course. In the event a student who earns a grade of “I” decides to retake the course, the student is required to pay for that course a second time.

Academic Grievances

Purpose

The following procedures are designed to provide a means for graduate students to petition for review of final course grades alleged to be incorrect. Before filing a formal appeal, students are urged to resolve grievances informally with the instructor of the course. Students filing a written appeal shall be expected to abide by the final decision of the committee to which it is submitted, as provided for in these procedures. This decision precludes any further review under any other procedure within the University.

Conditions

A student may seek a review of a final grade if he or she feels that one of the following conditions applies: A grade was assigned on some basis other than performance in the course, or the standards applied to a grade were not the same as those applied to the standards of other students in the course, or the assigned grade represents a substantial and unannounced departure from the instructor’s previously stated standards.

Procedures

A student who feels that his or her grade is incorrect should follow one or all of the following:

Confer promptly with the instructor of the course.

If the instructor is unavailable and cannot be reached by the student after a reasonable effort, then the student shall consult with the chair of the department offering the course.

If the student and instructor or department chair are unable to arrive at a mutually agreeable solution, the student may file an appeal within twenty (20) days after the first day of class of the next semester (not including summers) with a standing committee of three (3) tenured faculty members of the department offering the course.

If the instructor of the course is a member of the committee, he or she shall be replaced by a tenured faculty member selected by the chair of the department.

File an appeal by submitting to the departmental committee a detailed statement regarding the alleged improper grade as well as any relevant evidence. The appeal shall be dismissed if the student has submitted the same or substantially the same complaint to any other grade review procedure, the appeal is not timely, or the student has not conferred with the instructor or department chair before filing the appeal.

Allow the departmental committee to take action. If the appeal is not dismissed, the committee shall submit a copy of the student’s written appeal to the instructor with a request for a prompt written reply.

Work toward a mutually agreeable solution in concert with the committee and the instructor. If a mutually agreeable solution is not achieved, the committee shall advise both the student and the instructor that the matter has been sent to the Dean of the academic unit offering the course. The Dean of the academic unit shall convene a committee of three (3) tenured faculty members from departments outside of the department offering the course. This committee shall hold an informal, non-adversarial fact-finding meeting concerning the dispute. Both the student and the instructor shall be entitled to be present throughout this meeting and to present any evidence deemed relevant, except the student shall not be present during the discussion of any other student. Neither the student nor the instructor shall be accompanied by counsel, an advocate, or a representative. The meeting shall be closed to the public. After the fact-finding meeting, if the majority of the committee finds that the evidence supports the student’s complaint, the committee shall take any action thought to rectify the situation, including, but not limited to:

- directing the instructor to re-grade the student’s work,
- directing the instructor to administer a new final examination or paper in the course,
- directing the cancellation of the student’s registration in the course, or
- if no reasonable alternative is available, directing the instructor to award a grade of “pass” in the course.

The committee is not authorized to award a letter grade, or to reprimand, or otherwise take disciplinary action against the instructor. The decision of the committee is final and shall be promptly reported in writing to the parties involved. The Dean of the academic unit has the responsibility for implementing the decision of the committee.

In the event that the Department does not and/or is not able to convene a committee to review the grade appeal the student may appeal directly to the Dean of the Graduate School. If necessary, the Dean of the Graduate School will appoint a committee of three graduate faculty members to review the grade appeal. Once appointed the committee will review the grade appeal as outlined above and the decision of the committee is final

and shall be promptly reported in writing to the parties involved. The Dean of the academic unit has the responsibility for implementing the decision of the committee.

For other grievances concerning procedures and processes directly concerning graduate students, the procedure is the same with the exception that if the departmental committee fails to achieve a mutually satisfactory solution, the committee or the student may appeal directly to the Dean of the Graduate School. The Dean of the Graduate School will attempt to resolve the issue through consultation. If the consultation fails to produce a mutually satisfactory outcome, the Dean will appoint a committee made up of regular graduate faculty from outside the department in question to conduct an inquiry. The committee will hear from all parties concerned. Its decision will be final.

Graduation Requirements

Requirements for Graduation

Students must complete all requirements for the respective degree as outlined by the academic department and the Graduate School before graduation. An application for graduation must be submitted before the University deadline. Students should consult the University calendar for the deadline dates for each semester.

Advisors and Degree Plan

At the time of matriculation, the student will be assigned to a program advisor, who will have general supervision of the student's graduate work. The advisor will assist the student in filling out the Degree Plan, an approved copy of which must be filed in the Graduate Office by the end of the student's first semester of matriculation at Texas Southern University. When a student enrolls for courses, his or her program must have the written approval of the advisor. The chairman of the department serves as the general advisor for students in the department and should be consulted prior to the submission of the degree plan to the Graduate School.

Students who take courses without the approval of their advisors do so at their own risk and may not be permitted to include them in their degree or professional certificate plans.

Residency Requirement

A residence of at least one academic year or its equivalent is required.

Admission to Degree Candidacy

Admission to study in the Graduate School does not imply acceptance as a candidate for a degree. To become a candidate for the graduate degree or for a professional certificate, the student must have satisfactorily completed all admission requirements and have an approved degree plan. He or she must also have satisfied the English Proficiency requirement; demonstrated proficiency in a foreign language, if required; passed the qualifying examination, if required; completed at least twelve (12) semester hours of graduate work, and be recommended to candidacy by the advisor and head of the department.

Transfer of Credit

A student wishing to secure credit toward a master's degree or professional certificate at Texas Southern University for courses taken at another institution must make application to the Dean of the Graduate School. Approved courses are entered on the student's record in the Registrar's Office. Credits transferred from approved extension schools

and/or from another institution may not exceed six semester hours and must be graduate credits and have a grade of "B" (3.00) or better. Approved courses must not exceed the six-(6) year time limit when the student applies for graduation.

Transfer work from other institutions will not be used in computing the quality point average for graduation or certification.

No course counted toward another degree may be counted toward a master's degree, either directly or by substitution.

Work done for the master's degree may be included in the work for the doctoral degree, provided it is acceptable to the Department, the supervising committee, and the Graduate School and providing it has not already been used towards another doctoral degree. Up to 24 hours of work towards a master's degree can be used to satisfy requirements towards a doctoral degree. Programs will submit a degree plan for each doctoral student indicating which specific courses on the student's transcript will replace which specific courses in the program's curriculum. Generally, master's thesis courses, internship courses, and practicum courses may not be counted as fulfilling doctoral requirements.

Workshop Credit

No more than six semester hours of approved graduate workshop credit may count toward the semester hours required for a degree or professional certificate.

Examinations for Master's Degree Students

The English Proficiency Examination

Each student who is admitted to a graduate degree or certificate program must satisfy the English proficiency requirement of the Graduate School as determined by the student's department.

The Comprehensive Examination

For degree or certificate programs requiring comprehensive examinations each degree or certificate applicant is required to pass the requisite comprehensive examination, either oral or written (or both). Programs may specifically limit the number of attempts that a student can make to pass the comprehensive examination. If the program does not specify a limit graduate students will be allowed a maximum of three attempts to pass any requisite comprehensive exam.

The Foreign Language Examination

The passing of a reading examination in one foreign language is required of degree applicants in those departments requiring a language. English is considered as a foreign language for foreign students who have received their precollege and college education in a non-English language.

Time Limit for the Master's Degree

Credits earned more than six years prior to the date of completion of master's degree requirements at Texas Southern University cannot be accepted toward the satisfaction of master's degree requirements. All courses which are submitted to satisfy the semester-hour requirement for the master's degree or the professional certificate in a program requiring thirty (30) to thirty-six (36) credit hours.

Thirty-six (36) semester hours must have been taken within a six-year period from the date of initial admission to the Graduate School. All programs in excess of 36 semester hours must have been taken within

a seven-year period from the date of initial admission to the Graduate School. This requirement applies to residence, extension, and transfer work, including work in the major and minor areas. Courses that fall beyond the time limit must be repeated

Online Submission of Electronic Copy of Thesis/ Dissertation

Graduate students submitting a thesis or dissertation in fulfillment of their degree requirements must submit electronic copies of their thesis/ dissertation via the Texas Southern University Graduate School electronic submission portal. Electronic submission of thesis or dissertation via the designated ETD (Electronic Thesis Dissertation) portal is a mandatory requirement for graduation. Students will not be cleared for graduation pending submission of acceptable electronic copies of their thesis or dissertation draft(s) and final copy as required by the Graduate School.

Examinations for Doctoral Degree Students

Comprehensive Examination

Toward the end of the course work for the program, the candidate takes a comprehensive examination. The test must be judged a “pass” by the examination committee in order that the candidate may be recommended to candidacy for the degree.

Each part of the examination will be graded by at least two readers. Both readers must agree on at least a “pass” rating for a “pass” evaluation. For an “honors” rating, both readers must agree on an “honors” score. If one reader gives a “fail” rating and the other gives a “pass” rating, then a third reader will be appointed. The student must take all sections of the examination when taken for the first time. During each subsequent examination, if needed, a student must take a test in all sections of the examination he/she failed to pass in the preceding attempt.

A doctoral student who fails the comprehensive examination the second time may petition for a third examination, and the petition must show a plan of action wherein the petitioner will endeavor to improve his/ her chances for satisfactorily completing the examination failed. The chairperson of the student’s doctoral committee, the department head, the Dean of the relevant college or school, and the Dean of the Graduate School must approve the petition. A student who fails to pass the doctoral comprehensive examination or any part of it after the third attempt will be automatically discontinued as a student in the relevant doctoral program.

Dissertation Examination

The Dean of the Graduate School will appoint the student’s dissertation committee upon the recommendation of the department and will include an external graduate representative. There will be at least three members on the final oral examination committee. Certification of successful completion of the final oral examination of the dissertation requires the signature of all members of the dissertation committee. The examination is conducted by the department, and if it is failed, the candidate must petition the Dean of the Graduate School through his/her department for permission to take the examination a second time. A second examination will not be permitted within a period of one semester after a failure on the first attempt is recorded. All changes in the dissertation suggested by the committee after the oral examination must be made before the dissertation can receive the final approval of the Graduate School. This paper must accompany the dissertation when it is presented to the members of the committee. In addition, an abstract not exceeding 350

words must be prepared for submission to the relevant cataloguing organization.

Transfer of Credit

The following regulation governs acceptance of transfer credits:

To transfer doctoral credits from another university to Texas Southern University, an official transcript must be submitted to the Texas Southern University Graduate School office by the graduate dean, registrar or department head at the institution from which the credits are being transferred together with a statement, indicating that the credits were earned in a doctoral program of study at that institution. No more than 15 semester hours of “B” (3.0) grade or better may be transferred.

Time Limit for the Doctor of Education Degree

After being admitted to a program leading to the Doctor of Education degree, a student will be allowed seven calendar years wherein to complete all of the requirements for the degree, including transferred credit and prior credit at Texas Southern University.

Continuation in the doctoral degree program beyond the seven-year limit must be approved by the student’s doctoral degree advisory committee and the Dean of the Graduate School. The maximum time allowed to complete the doctoral program, including an approved extension, is **eight calendar years**. This time limit does not include work performed as part of the requirements for a master’s degree. Credits earned more than seven years prior to the date of completion of doctoral degree requirements at Texas Southern University cannot count toward the satisfaction of doctoral degree requirements.

Time Limit for the Doctor of Philosophy Degree

After being admitted to a program leading to the Doctor of Philosophy degree, a student will be allowed seven calendar years to complete all of the requirements for the degree, this time limit includes transferred credit and prior credit earned at Texas Southern University.

A student’s doctoral degree advisory committee and the Dean of the Graduate School must approve continuation in the doctoral degree program beyond the seven-year limit. The maximum time allowed to complete the doctoral program including an approved extension is nine calendar years. This time limit does not include work performed as part of the requirements for a master’s degree.

Online Submission of Electronic Copy of Thesis/ Dissertation

Graduate students submitting a thesis or dissertation in fulfillment of their degree requirements must submit electronic copies of their thesis/ dissertation via the Texas Southern University Graduate School electronic submission portal. Electronic submission of thesis or dissertation via the designated ETD (Electronic Thesis Dissertation) portal is a mandatory requirement for graduation. Students will not be cleared for graduation pending submission of acceptable electronic copies of their thesis or dissertation draft(s) and final copy as required by the Graduate School.

Application for Graduation

Each candidate for graduation must file in the Graduate Office an Application for Graduation Form by the date specified in the academic calendar. Any student who fails to graduate after applying for graduation at a specified time must file a new application to graduate at a subsequent time.

Graduation under a Specific Bulletin

The student may elect to graduate under the bulletin in force at the time of his or her initial matriculation in the Graduate School, provided that the bulletin was not issued more than six (6) years (seven (7) years for doctoral programs) prior to the date of the student's graduation. The student is required to indicate in his/her application for graduation the bulletin under which the student proposes to graduate and must meet the requirements in that bulletin.

Commencement Convocation

All graduating students shall participate in the commencement exercises. Only students who have completed all requirements for the degree can participate in the commencement exercises.

Financial Clearance

Students who are indebted to the University will not be allowed to participate in commencement exercises. Such obligations include traffic and parking fines, library fines, housing fees, and any miscellaneous fees. Students who are uncertain concerning the status of their indebtedness should check with the Bursar's Office prior to final examinations. If there is a dispute concerning payment of a bill, receipts should be presented to verify payment.

Graduation Fees

The graduation fee for graduate students is \$50.00. Additional processing fees including processing fees for thesis or dissertation may apply. Graduation fees are subject to change. Fees are due and payable at the time of one's application for graduation.

Commencement

Commencement exercises are held each year in May and in December for students who qualify for graduation from Texas Southern University. All such students are expected to participate in one of these two exercises as appropriate. Juris Doctoral and other graduate students who are within six hours of completing their degree requirements and/or completion of required examination as well as Doctor of Pharmacy students who are within two advanced pharmacy practice experiences (APPEs) and/or completion of required examinations are eligible to participate in May commencement.

Commencement is a solemn and special occasion in the lives of students, and they are expected to behave in a manner commensurate with the magnitude of the occasion. While attending commencement exercises, students and their guests are expected to maintain decorum that is reasonable and befitting of a public event of special significance. Because commencement exercises are formal events, graduates are expected to abide by the University's policy on appropriate attire that is announced in advance of the ceremonies.

Generation of Student Transcripts

Students may submit a written request to the Registrar's Office for official transcripts of coursework indicating each course attempted, each grade earned, and credit hours associated with each course. Each request requires a processing fee.

Student records (transcripts) will not be released under the following circumstances:

- All student records are not on file in the University Registrar's Office.
- The requesting student has not cleared all bills (academic or financial).
- The requesting student has a record hold imposed by the Office of Financial Aid or the Office of General Counsel.
- The requesting student has any other University hold.
- The requesting student has not paid the transcript fee.

In the event that a student experiences a legal change of name, he or she should submit a completed Name Change Request Form and official documentation of the change. The Registrar's Office will record a copy of the required documentation, which may include, but is not limited to marriage license, divorce decree, court document, passport, and naturalization certificate.

Right to Privacy

FERPA

Notification of Rights Under The Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. Upon a request of a properly qualified individual, access to a student's education record shall be granted within a reasonable period of time, not to exceed 45 days. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the education record(s) to inspect and review. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the education records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. A student whose education records are covered by this notification may ask the University to amend the student's education record if the student believes it contains information that is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed and specify why it should be changed. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. Personally identifiable information ("PII") in education records shall not be release without the written consent of the student, except to the following: (i) University officials who have legitimate educational interests, including a person employed by the University in an administrative, supervisory, academic, research, support staff position (including law enforcement unit personnel and health staff); a person serving on the Board of Regents; a student serving on an official committee (such as a disciplinary or grievance committee); an external volunteer or contractor who performs an institutional service or function for which the University would otherwise use its

own employees and who is under the direct control of the University with respect to the use and maintenance of PII (such as an attorney, auditor, or collection agent or a student volunteering to assist another University official in performing his or her tasks) (see §99.31(a)(1); (ii) officials of another postsecondary school in which a student seeks or intends to enroll, or where the student is already enrolled so long as the disclosure is for purposes related to the student's enrollment or transfer (see §99.31(a)(2); and (iii) other categories under paragraph number 7.

4. The University may release directory information without consent upon public notice of: (i) the types of personally identifiable information that it has designated as directory information; (ii) the right of the student to refuse to permit the University to designate any or all of that information about the student as directory information; and (iii) the period of time within which the student must notify the University in writing that he or she does not want any or all of those types of information about the student designated as directory information.
5. Under FERPA, the University defines "directory information" as information contained in an education record of student that would not generally be considered harmful or invasion of privacy if disclosed. Directory information includes student's name, address, telephone number, electronic mail address, photograph, date and place of birth, weight and height of members of the athletic teams, participation in officially recognized activities and sports, enrollment status, dates of attendance, educational institution most recently attended, and (9) other information (such as major field of study, degrees earned, and awards received).
6. If a student objects to the release of directory information, the student must notify the Office of the Registrar, E.O. Bell Hall, 3100 Cleburne Avenue, Houston, TX 77004, in writing or by completing the Request to Withhold Public Information form, during the first twelve (12) days of class during a regular semester (fall or spring) or the first four (4) days of class during a summer term, to ensure that information is not released by the University or published in the Student Directory. Students are responsible for requesting the release of their information once a request for withholding "directory information" has been placed on record.
7. FERPA permits the disclosure of PII from students' education records, without consent of the student, if the disclosure meets certain conditions found in §99.31 of the FERPA regulations. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student:
 - To authorized representatives of the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such as a State postsecondary authority that is responsible for supervising the University's State-supported education programs. Disclosures under this provision may be made, subject to the requirements of §99.35, in connection with an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf. (§99.31(a)(3) and 99.35);
 - In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (§99.31(a)(4));
 - To organizations conducting studies for, or on behalf of, the University, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (§99.31(a)(6));
 - To accrediting organizations to carry out their accrediting functions. (§99.31(a)(7));
 - To parents of an eligible student if the student is a dependent for IRS tax purposes. (§99.31(a)(8));
 - To comply with a judicial order or lawfully issued subpoena. (§99.31(a)(9));
 - To appropriate officials in connection with a health or safety emergency, subject to §99.36. (§99.31(a)(10));
 - Information the University has designated as "directory information" under §99.37. (§99.31(a)(11));
 - The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. (§99.31(a)(13));
 - To the general public, the final results of a disciplinary proceeding, subject to the requirements of §99.39, if the University determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her. (§99.31(a)(14)); and
 - To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of 21. (§99.31(a)(15)).
8. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Texas Southern University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, S W
Washington, DC 20202-4605

Fees and Expenses

Resident Status

Students enrolled at the University can be classified as resident, nonresident, or foreign. All students attending Texas Southern University who are nonresidents of Texas will be charged additional tuition in accordance with state law. The burden of registering under proper resident status is the responsibility of the student. Nonresidents are persons who are residing in the State of Texas fewer than twelve (12) months immediately preceding their initial registration.

A request for a change of resident status for tuition purposes should be made as soon as the student has met the requirements for residency change, but no later than the fourth (4th) class day for a summer session or the twelfth (12th) class day for a fall or spring semester. Changes made after the 4th/12th class days will apply only for future semesters. All required documents must accompany the Residency Application form,

which is available in the Office of the Registrar on the second floor of Bell Hall.

The determination of resident classification for tuition purposes is governed by statutes enacted by the Texas Legislature and by rules and regulations promulgated by the Texas Higher Education Coordinating Board. These regulations may be reviewed in the Robert J. Terry University Library in the Reserved area.

Required Residency Documentation

The Texas Higher Education Coordinating Board requires that Texas Southern University document each student's residency. In order to apply for Texas residency status for tuition purposes, one must be either a U.S. citizen or permanent resident. The following documents indicating that the student has resided in the State of Texas for twelve (12) continuous months prior to registration may be **required**:

Documentation to Support Domicile and Residency

The following documentation may be requested by the institution in order to resolve issues raised by responses to the Core Residency Questions. The listed documents may be used to establish that the person is domiciled in Texas and has maintained a residence in Texas continuously for twelve (12) months prior to the census date.

Part A: Documentation That Can Support the Establishment of a Domicile and Demonstrate the Maintenance of a Residence in Texas for 12 Months

An employer's statement of dates of employment (beginning and current or ending dates) that encompass at least 12 months. Other documents that show the person has been engaged in activities intended to provide an income to a person or allow a person to avoid the expense of paying another person to perform the tasks (as in child care or the maintenance of a home) may also be used, as well as documents that show the person is self-employed or employed as a homemaker or is living off his/her earnings or through public assistance. Student employment such as work-study and the receipt of stipends, fellowships or research or teaching assistantships does not qualify as a basis for establishing a domicile.

For a homeless person, written statements from the office of one or more social service agencies located in Texas that attest to the provision of services to the homeless person for the twelve (12) months prior to the census date of the term in which the person enrolls.

Part B: Documentation Which (if accomplished and maintained for the 12 months prior to the census date of the term in which the person enrolls and if accompanied by at least ONE type of document listed in Part C) Can Support the Establishment of a Domicile and Demonstrate the Maintenance of a Residence in Texas for 12 Months:

- Title to real property in Texas
- Marriage certificate with documentation to support that spouse is a domiciliary of Texas
- Ownership of business in Texas with documents that evidence the organization or the business as a partnership or corporation and reflect the ownership interest of the person or dependent's parent
- State or local licenses to conduct a business or practice a profession in this state.

Part C: Documents That May Be Used to Demonstrate Maintenance of a Residence for 12 Months

These documents do not show the establishment of a domicile. They only support a person's claim to have resided in the state for at least 12 months. Activities in Part A and B of this Chart may be used to establish a domicile.

- Utility bills for the 12 months preceding the census date
- A Texas high school transcript for a full senior year of attendance preceding the census date
- A transcript from a Texas institution showing presence in the state for the 12 months preceding the census date
- A Texas driver's license or Texas ID card with an expiration date of not more than four years
- Cancelled checks that reflect a Texas residence for the 12 months preceding the census date
- A current credit report that documents the length and place of residence of the person or the dependent's parent
- Texas voter registration card that has not expired
- Pay stubs for the 12 months preceding the census date
- Bank statements reflecting a Texas address for the 12 months preceding the census date
- Ownership of real property with copies of utility bills for the 12 months preceding the census date
- Registration or verification from licensor, showing Texas address for licensee
- Written statements from the office of one or more social service agencies, attesting to the provision of services for at least the 12 months preceding the census date
- Lease or rental of real property, other than campus housing, in the name of the person or the dependent's parent for the 12 months preceding the census date

Photocopies of the above items are required with the completed application. Students who do not provide required documentation will be charged nonresident tuition.

If there is a question of a student's legal resident status under state law and University rules, it is the duty of the student to obtain an opinion from the Student Resident Status Advisor prior to registration. **Any attempt on the part of the nonresident to evade the nonresident fee will be taken seriously and may lead to expulsion.** Nonresident students are given official notice of their nonresident classification at the time of admission. A student who is classified as a nonresident but who pays the resident fee at any subsequent registration after he or she has been officially advised in writing of nonresident status will receive a penalty of loss of credit.

Tuition and Fees

The University reserves the right to adjust fees without prior notice. A list of tuition and regular fees to be paid by all students enrolled for any semester hours is available through the Office of Student Accounting. In addition to these fees, one should add estimates of special laboratory fees and the cost of books and supplies to arrive at an approximate total amount needed at the time of registration.

All payments to the University can be made online, by credit card, cashier's check, money order, or personal check made payable to Texas Southern University. Personal checks will not be accepted for any amount in excess of the total amount due. Postdated checks will not be accepted.

There will be a \$25.00 charge for each check returned for any reason. Temporary checks are unacceptable.

Tuition

In all colleges and schools of the University except the Thurgood Marshall School of Law and the College of Pharmacy and Health Science, each student who is a resident of the State of Texas is required to pay statutory tuition at a rate of \$100.00 per credit hour. A nonresident or foreign student is required to pay statutory tuition at a rate set by the Texas Higher Education Coordinating Board. Information on specific rates may be secured from the Office of Student Accounting.

Designated Tuition

The Building Use Fee, of a prorated amount per semester hour, is charged to all students. This fee is used to construct, equip, repair, and renovate buildings and facilities.

Student Service Fee

The Student Service Fee is used to support certain extracurricular activities, such as student publications, special cultural programs, the marching band, and the athletic programs. This fee also provides for general health counseling, minor medication, and treatment in the Student Health Center. **It does not include special medicines, dental care, treatment by specialists, or hospitalization.** The amount of the fee depends on the number of credit hours for which the student is enrolled, and it is charged to all students enrolled at the University during a regular semester. Students enrolled for 12 or more credit hours in each of both semesters of a school year are entitled to receive one copy of the University annual. Students enrolled full-time for only one semester may also receive the annual by paying an additional fee.

Student Center Fee

The Student Center Fee is used for operating, maintaining, improving, and equipping the Student Center and acquiring or constructing additions to the Student Center.

Library Service Fee

The Library Service Fee is used for operating, maintaining, improving, and equipping the Robert J. Terry Library and for providing library services to students.

International Education Fee

The International Education Fee is used to assist students participating in international student exchange or study programs in accordance with guidelines jointly developed by the student governing body and University administration.

Recreational Facility Fee

The Recreational Facility Fee is used for constructing, operating, maintaining and equipping the recreational facilities and programs.

Intercollegiate Athletics Fee

The Intercollegiate Athletics Fee is imposed by the Board of Regents of Texas Southern University on each student enrolled at Texas Southern University. This fee is used to develop and maintain an intercollegiate athletics program at the University.

Medical Service Fee

The Medical Service Fee is used for operating, maintaining, improving, and equipping the medical service facility; acquiring and constructing

additions to the medical service facility and providing medical services to students.

Computer Service Fee

The Computer Service Fee is assessed per semester to all students enrolled at the University to help support the provision of computer services to students. .

The School Fee

The School Fee is assessed by each college or school to all students enrolled in its component major programs in order to support administrative costs.

Late Registration Fee

Texas Southern University reserves the right to conduct registration according to students' last name, area of study, or any other delimiting factor. Students are required to register at the time indicated by the class schedule. Failure to complete registration on the date specified, but before the absolute deadline, may result in a late fee assessment.

Drop/Add Fee

A student making a course change or changes after payment of initial tuition and fees may be charged for each change.

Installment Handling Fees

Tuition and fees may be paid by one of two options:

1. Full payment of tuition and fees by the twentieth day of class or
2. Enrollment in the university installment plan by the 20th class day for the Fall and Spring semesters, or by the 15th class day for Summer semesters.

Students electing to pay their tuition and fees on the installment plan will be assessed a handling fee for the i n s t a l l m e n t plan. Students are also assessed a fee for each delinquent payment. These fees are nonrefundable.

A student who fails to make full payment or a first installment payment of tuition and fees, including any incidental fees, by the due date may be barred from classes until full payment is made. A student who fails to make full payment prior to the end of the semester may not receive credit for the work done that semester. University records may be adjusted to reflect the student's failure to enroll properly for that semester.

Late Payment Fee

A student who fails to pay tuition and fees by the posted deadline will be assessed a late payment fee.

Laboratory Fee

Fees are assessed for studio and laboratory courses in the following academic disciplines: art, biology, chemistry, education, geology, human services and consumer sciences, music, pharmacy, human performance, physics, and technology.

SEVIS International Fee

International students are required to pay an administration fee for University compliance with the federal student exchange system.

Orientation Fee

First-time students are required to pay a fee for the orientation program and related activities.

Health Insurance

Students enrolled for six (6) or more credit hours (three (3) hours for Summer sessions) are eligible to enroll in the University-sponsored health insurance plan. International students will automatically be enrolled and billed for the University-sponsored health insurance plan. Students can apply for waivers by providing proof of comparable health insurance by the 20th class day (15th class day for Summer sessions)

Room and Board

Residence hall occupants will be required to sign a Housing-Food Service Contract for the entire academic year before being admitted to the facilities. **The Housing-Food Services Contract is personal and may not be transferred or assigned to another person.** Any violator will be subject to immediate disciplinary action. **Room and Board charges are assessed on an annual basis.**

Parking Fee

Students who need to park vehicles in designated student lots on the campus must pay for parking decals to attach to their vehicles. These decals will indicate the parking lot. This fee is assessed on a semester or term basis. **Refunds for parking fees must be applied for separately through the Department of Public Safety.**

Other Fee(s)

Other fees, not specified in this section, may be charged by colleges, schools, departments, or other offices at the University. Students will be apprised of these fees and their designated purposes at the time that they are incurred.

Tuition and Associated Fees

Students should refer to the University website for updated information regarding tuition and fees. The Graduate School provides tuition fellowships for a limited number of students nominated by their programs to work as teaching or research assistants. For more information students should consult their academic departments.

Graduation Fees

The graduation fee for graduate students is \$50.00. Graduation fees are subject to change. Fees are due and payable at the time of one's application for graduation.

Student Records (transcripts) may not be released if:

1. All records are not on file in the University Registrar's Office.
2. The requesting student has not cleared all bills (academic or financial).
3. The requesting student has a record hold imposed by the Office of Financial Aid or the Office of General Counsel.
4. Transcript fee has not been paid.

Regulations Governing Refunds

Dropped Courses

Any student who drops courses within the first twelve (12) days of a fall or spring semester or within the first four (4) days of a summer term and remains enrolled in the University will receive refunds applicable to tuition paid for those courses.

Date	Percent
On or before the twelfth class day (fourth class day for Summer)	100%

After the twelfth class day (fourth class day for Summer)	0%
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Withdrawal

Students who officially withdraw from the University will receive a refund calculated according to the following percentage schedule.

Date	Percent
Prior to the first day	100%
During the first week of class	80%
During the second week of class	70%
During the third week of class	50%
During the fourth week of class	25%
After the fourth week of class	0%

Students who drop/withdraw from courses and are not indebted to the University should expect to receive checks by mail after the fourth week of class during a regular semester and after the third week of class during a summer term. Students who pay fees through financial aid/assistance (including federal student loans) will receive refunds only if the Office of Student Financial Assistance determines that refunds are due.

Students who register for courses that are either paid for directly or paid through the use of financial aid/assistance are considered enrolled at the University until they officially withdraw through the Office of the University Registrar. **Ceasing to attend classes or stopping payment of checks for fees owed without officially withdrawing from the University will result in semester grades of "F". Thus, any remaining balance owed to the University by a student who ceases to attend classes, but who does not officially withdraw through the Office of the University Registrar, is still due and NOT subject to reduction. Refund of**

Room and Board Fees

Dormitory residents are required to sign a Housing/Food Service Contract for the entire academic year. The University's policy concerning refunds associated with room and board fees is stated in the contract. Where refunds are applicable, application for such refunds must be made within one year after official withdrawal.

Refund of Graduation Fees

Graduation fees cannot be transferred to another graduation period. Applications for refunds of the May diploma fee must be made in writing at the Bursar's Office prior to March 1. No other refunds shall be granted. **Summer graduates have no refund grace period inasmuch as orders are placed immediately upon receipt of their applications for graduation.**

Financial Obligations

Students who are indebted to the University for any amount may not be permitted to graduate, receive transcripts, re-enroll at the University, or receive any refunds.

Types of Financial Aid and Assistance Loans

The U.S. Department of Education's federal student loan program is the William D. Ford Federal Direct Loan (Direct Loan) Program. Under this program, the U.S. Department of Education is your lender. There are several types of Direct Loans available:

Direct Unsubsidized Loans are loans made to eligible undergraduate, graduate, and professional students, but eligibility is not based on financial need. Direct PLUS Loans are loans made to graduate or professional students to help pay for education expenses not covered by other financial aid. Eligibility is not based on financial need, but a credit check is required. Borrowers who have an adverse credit history must meet additional requirements to qualify. Before you take out a loan, it's important to understand that a loan is a legal obligation that makes you responsible for repaying the amount you borrow with interest.

To apply for a federal student loan, you must first complete and submit a Free Application for Federal Student Aid (FAFSA®) form. Based on the results of your FAFSA form, Texas Southern University will award a financial aid offer, which may include federal student loans. You may review the offer on the TSU MyWeb account. Prior to the Federal Direct Loan Program disbursing to the student's account, the student will be required to complete entrance counseling, and sign a Master Promissory Note, agreeing to the terms of the loan.

If you are a graduate or professional student, you can borrow up to \$20,500 each year in Direct Unsubsidized Loans. Direct PLUS Loans can also be used for the remainder of your college costs not covered by other financial aid. In no case may a student borrow in excess of the total cost of attendance.

Grants

Grants are gift aid from federal, state, or university sources. They are awarded to students based on need, and they do not need to be repaid. You must complete the Free Application for Federal Student Aid (FAFSA) for grant awards. The TEACH Grant and Texas Public Education Grant require enrollment in 12 credit hours to gain eligibility for maximum awards. Certain grant programs are prorated based on your enrollment for the term, but generally students must maintain at least half-time enrollment to qualify for an award. The Texas Public Education Grants are awarded to students who are citizens or eligible non-citizens, and who have been regularly admitted into a degree-seeking program. Students who file the FAFSA are automatically considered for the Texas Public Education Grant. Full time awards start at \$100 with a maximum award of \$4,000. Students who cannot apply for aid using the FAFSA are encouraged to complete the TASFA. Students must show financial need according to the federal guidelines and register for selective service or be exempt from this requirement.

As other programs become available at the University, students should contact the Office of Student Financial Assistance directly for pertinent information.

Financial Aid and Assistance Eligibility

The Office of Student Financial Assistance makes every effort to ensure that all awards and materials submitted remain confidential in accordance with the Buckley Family Right to Privacy Act of 1975.

Eligible applicants for financial aid must be U.S. citizens or permanent residents and officially admitted into Texas Southern University through the Graduate Admissions Office.

Interested students should do the following:

1. Secure admission to Texas Southern University through the Graduate Office of Admissions via the process described in the next chapter of this document.

2. Register for the FAFSA PIN Number at www.pin.ed.gov (https://tigernet365-my.sharepoint.com/personal/derrick_manns_tsu_edu/Documents/Desktop/catalog/www.pin.ed.gov).
3. Complete the Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov. The student will receive an electronic response from the U.S. Department of Education within three to five days by means of an email notification. The email will contain a link that should be immediately accessed, and the content reviewed for corrections. Students who are officially admitted into a graduate program are considered independent and are not required to submit parental information on the FAFSA.
4. You may identify the necessary documents by logging into your TSU MyWeb account through the web portal. Students selected for verification will upload their documents to the Inceptia Verification Gateway at <http://www.verificationgateway.org/tsufa2022> (<http://www.verificationgateway.org/tsufa2022/>). Supporting documentation other than requirements to complete verification that may be required for completion of the financial aid application may be submitted directly to the Office of Student Financial Assistance, Texas Southern University, West Garage. The forms necessary to complete the application are available on the TSU website, tsu.edu/admissions/financial-aid/ (<http://tsu.edu/admissions/financial-aid/>) under the forms link.
5. Verification and Special Circumstances Verification: During the processing of the Free Application for Federal Student Aid (FAFSA), the U.S. Department of Education will select some of the applications for a process known as "verification." Certain inconsistencies found when processing the FAFSA may increase the likelihood that the application will be selected for verification. Some of the FAFSAs submitted are also randomly selected for verification. The student and Texas Southern University will be notified by the U.S. Department of Education when a FAFSA is selected for verification. By federal guidelines, TSU also has the right to select any application where it may detect inconsistencies and must resolve any inconsistent information. During the verification process, students are generally required to verify data elements included on the FAFSA. Examples of the data that may be verified include, but are not limited to the adjusted gross income, federal taxes paid, SNAP benefits, social security income, or completion of high school. Dependent students will be required to submit parental as well as their own during the verification process. Married students will be required to submit spousal information during the process. Federal guidelines concerning marital status and dependency statuses will be followed in both cases when completing the verification process. For additional information you may refer to the Free Application for Federal Student Aid at www.studentaid.gov/h/apply-for-aid/fafsa (<https://studentaid.gov/h/apply-for-aid/fafsa/>). Students may determine the documents necessary to complete the file through the use of their MyTSU web account, which is accessible 24 hours a day.

Texas Southern University has established a partnership with Inceptia to expedite the federal verification process. If your FAFSA application was selected for verification by the U.S. Department of Education, you will receive an email from Inceptia introducing you to the Verification Gateway. Your introductory email will be sent to the address listed on your FAFSA. If you did not include an email address on your FAFSA, a postcard will be mailed to the address listed on the FAFSA. The Office of Student Financial Assistance will also forward email notifications with outstanding requirements to the TSU email address.

Once your file has been received by Inceptia, you will receive an email from Inceptia inviting you to log into the Verification

Gateway at www.verificationgateway.org/tsufa2020 (<https://www.verificationgateway.org/tsufa2020/>) for the 2019-2020 award year and www.verificationgateway.org/tsufa2021 (<https://www.verificationgateway.org/tsufa2021/>) for the 2020-2021 award year. Prior to logging into the Verification Gateway you will authenticate your identity and create a username and password. Inceptia will also assist with questions concerning your verification process. If you need assistance or have any questions about the verification process, please contact Inceptia, Monday from 8:00 am – 8:30 pm Central and Tuesday through Friday from 8:00 am – 7:00 pm Central at 888-374- 8427 or by email at VGCS@inceptia.org. Do not send the documents to the U.S. Department of Education. Documents should be uploaded directly into the Inceptia Gateway. Once the student has completed the task list, the application will enter the verification phase. It is very important that you log in and review the Verification Gateway during the verification process. On occasion, additional documentation may be requested after receiving the initial documentation from the student. Students will be notified by letter of any additional requirements. If inaccuracies are found during the review process, corrections will be forwarded to the U.S. Department of Education prior to the disbursement of any financial assistance. In some cases, files are selected for verification after the disbursement of financial assistance. Once the university receives such notification, additional disbursements will not be processed until the verification process is completed. An email notification will be delivered to the student when the process has been completed and the file is returned to TSU for processing.

A forms bank for processes outside of verification containing TSU Documents is located on the TSU Financial Aid website for your convenience. The documents required to complete the process should be faxed or hand delivered directly to the TSU Office of Student Financial Assistance. TSU will be required to compare the information submitted by the student with the information supplied on the FAFSA. The university call center is also available to assist with information on all aspects of the financial aid process.

Special Circumstances

Certain life events such as, a significant reduction or loss of income, or exorbitant medical expenses may warrant an additional consideration. The U.S. Department of Education has made certain allowances to assist students in completing the application process. Complete the special circumstances application located in the forms bank on the TSU financial aid web page. Attach the supporting documentation outlined on the special circumstances application and submit the packet to the Office of Student Financial Assistance for review. Once the documents are received by the Office of Student Financial Assistance a determination will be made within 14 working days. Students are notified of the decision by letter within 14 working days of receiving the information.

Beginning the process at the earliest possible point to allow for ample processing time is critical. If you would like to set up an appointment with a FA Counselor to discuss your case, please go to the financial aid web page to select the time and date for your consultation.

Deadline Dates

Although applications are accepted throughout the year, students are required to submit the Free Application within 2 weeks of the closing date to allow ample time for processing.

- Fall Semester-November 18
- Spring Semester-April 10
- Summer Sessions- May 15

Cost of Attendance - Enrollment monitoring

The cost of attendance will be adjusted for students whose total enrollment falls below the minimum full-time equivalent based on their classification and enrollment. The adjustment will be based upon the student's actual enrollment for the term. The cost of attendance will reflect the actual cost of tuition and fees and a percentage of books and supplies (three-quarter time and half-time enrollment). Generally, the adjustments will be performed based on the dates listed below. Official census dates:

- 12th class day for the fall and spring terms
- 4th class day for summer terms

Students that did not have a completed FAFSA/TASFA filed before the census date will have their cost of attendance based on their enrolled hours at time of packaging. No further adjustments will be made for students who remain actively enrolled for the remainder of the term when subsequent enrollment updates occur. Concurrent Enrollment Agreements, Consortiums and Study Abroad will be reviewed and adjusted based on enrollment; per the minimum enrollment roster and consortia documentation. Students who withdraw may experience changes are required by the Title IV regulations.

Enrollment Statuses

Once all documents referenced have been received by the Office of Student Financial Assistance (or other designated office), the applicant will be considered for a possible financial aid award, financial assistance, or scholarship. A student who applies for financial aid or assistance and is not awarded at the time of registration must be prepared to pay for tuition, fees, books, and housing from personal funds as part of the registration process.

Fall and Spring Terms

Program	Full-time	3Quarter	Half-time	Less than Half-time
GR	9	7	5	<5
eMPA	9	7	5	<5
eMAJ	9	7	5	<5
eMBA	6	4	3	<3
P4	18	12	9	<9
UG	12	9	6	<6
Research	3	2	1	

Summer Terms

Program	Full-time	3Quarter	Half-time	Less than Half-time
GR	6	4	3	<3
eMPA	6	4	3	<3
eMAJ	6	4	3	<3
eMBA	6	4	3	<3
P4	12	9	6	<6
UG	6	4	3	<3
Research	3	2	1	

Financial Aid Eligibility Requirements

In order to maintain eligibility for consideration for financial aid, students must meet the standards set forth in Texas Southern University's policy on Satisfactory Academic Progress (SAP). **There are three facets of the individual student record that determine financial aid eligibility: credit hours, grades, and time frame.** The requirements in each facet vary in accordance with academic status (undergraduate, graduate, or professional student), the college or school of enrollment, and enrollment status (full-time, half-time, or less than half-time). Time frame is always included regardless of the level, enrollment status or degree objective for the student when considering the financial aid satisfactory academic progress standards.

Credit Hours and GPA

Students receiving financial aid must satisfy the qualitative component, credit hours attempted and earned (ratio) and qualitative component, the cumulative grade point average (GPA) needed based upon their individual academic classifications to maintain eligibility. Students receiving aid have their overall enrollments at the University reviewed at the end of the spring semester. If they meet or exceed the minimum SAP standards, the student's next scheduled review will occur annually at the end of the subsequent spring term. If they fail to meet the minimum SAP standards, the student is placed on financial aid suspension and must appeal for reinstatement of eligibility to receive aid. If the student successfully appeals and is approved to regain eligibility to receive aid, the student's SAP is measured at the end of each subsequent term. If the student meets the minimum financial aid satisfactory academic progress requirements, the student regains eligibility to receive Title IV aid. If the student fails to meet the minimum requirements or the requirements outlined in the academic plan, the student is placed on financial aid suspension and may not automatically regain eligibility until the student has met the minimum financial aid satisfactory academic progress requirements for their category. Undergraduate students may appeal for reinstatement after earning a 2.0 in at least 6 hours at an accredited two-year or four-year University, junior or community college prior and meets other federal acceptable terms for reentry into the financial aid programs. Graduate students will be considered based on attainment of the minimum satisfactory requirements in one term without the benefit of financial aid.

Time Frame

With regard to the **time frame needed** to maintain eligibility, students will be considered for financial aid for a limited time only. Their enrollment in all postsecondary institutions, regardless of financial aid support, is considered when determining the total number of credit hours that they are allowed to enroll in with the benefit of financial aid. Students are allowed no more than 150% of the credit hours required to complete their degree requirements. **The Office of Student Financial Assistance should be contacted directly regarding the specifics of time frame limitations.** Students are notified when they are approaching enrollment in the maximum number of credit hours permitted. If students exceed this number before finishing their individual programs of study, then they will no longer be eligible to receive federal student assistance.

Students are placed on financial aid suspension with regard to the receipt of financial aid for their next semester of attendance. Students placed on financial aid suspension are required to submit an appeal containing a SAP appeal form, letter of explanation, plan of action for improving their academic performance and academic plan to regain eligibility to receive aid. Submission of an appeal does not automatically reestablish eligibility to receive aid. If they are successful in appealing the financial aid suspension the student's eligibility is reinstated for one term. If the

student has an established academic plan and meets the standards outlined in the academic plan, the student may be allowed to continue with filing an appeal form.

To regain full eligibility to receive financial aid, students must complete the requisite number of semester credit hours with the corresponding GPA to regain unconditional eligibility under the Satisfactory Academic Progress (or SAP) policy. Students who meet the conditions outlined in the approved appeal and an academic plan but continue to fall below the minimum requirements may continue to receive aid. If these conditions are not met the student will be placed on financial aid suspension and may not regain eligibility until the student has met the minimum financial aid satisfactory academic progress requirements for their category or meets other federal acceptable terms for reentry into the financial aid programs.

Financial Aid Suspension

Students who fail to earn the required semester credit hours and achieve the required GPA will be placed on financial aid suspension. Thus, they will no longer be eligible to receive federal student assistance. In order to return to regain eligibility, students must meet the minimum financial aid satisfactory academic requirements. Graduate students failing to meet the minimum requirements must earn a 3.0 in at least 6 hours at an accredited two-year or four-year university prior to appealing for reinstatement of the financial aid eligibility. The student must submit a financial aid appeal for consideration of reinstatement of aid. Submission of an appeal after achieving a 3.0 does not automatically reestablish eligibility to receive aid; appeals will be considered on a case by case basis for reinstatement of aid. Graduate students will be considered based on attainment of the minimum satisfactory requirements in one term without the benefit of financial aid.

Exclusions

The following types of registration or grades cannot be used to fulfill conditions for the removal of financial aid probation or suspension: advanced placement credits, credits earned through the credit by examination process, independent study courses, and grades of withdrawal (W), incomplete (I), in progress (R), unsatisfactory (U), and fail (F).

Additional Academic Requirements

If a student applies for financial aid, their eligibility will be based on past performance as measured by the Satisfactory Academic Progress (SAP) standards for financial aid. If a student is a transfer student, he or she will be evaluated within the financial aid SAP maximum time frame based upon the number of semester credit hours accepted by Texas Southern University and subsequently enrolled in at Texas Southern University.

Other factors that students need to be cognizant of with regard to the assessment of financial aid status are as follows:

1. Semester credit hours earned from foreign institutions are included in the financial aid SAP evaluation if these credits are accepted by the University and the college/school in which a major is declared.
2. If a course is repeated, the semester credits earned will count toward the determination of enrollment status and maximum time frame. If a course is repeated due to a failing grade, financial aid may be applied until the student receives a passing grade in the course. If the student receives a passing grade, financial aid may only be applied for the first instance the course is repeated.
3. Courses in which grades of "I" (incomplete) are received do not earn credits to meet the academic year minimum, nor do they influence

GPA's in the semester in which they are taken; however, the credits are counted in the maximum time frame.

4. Courses in which grades of "W" (withdrawal) are received do not earn credits to meet the academic year minimum, nor do they influence GPA's in the semester in which they are taken; however, the credits are counted in the maximum time frame. Students may retake courses from which they withdraw, and retaken credits will count toward the determination of enrollment status and minimum credits earned.
5. Credits earned from undergraduate developmental/remedial courses that students are required to take count toward the determination of enrollment status, minimum semester credits earned, and maximum time frame.
6. Credits earned from undergraduate courses taken while students are enrolled as graduate students must apply to the student's degree objectives and will be counted toward the academic year minimum. They may influence GPA's, and count they count toward the determination of enrollment status or minimum credits earned. The courses must be specifically required as prerequisites.
7. All undergraduate and prerequisite courses are included in the financial aid time frame for financial aid SAP.
8. Summer terms are considered special semesters and are not automatically monitored to determine financial aid SAP. Students who attend summer terms and who want credits earned during these terms counted with fall and/or spring semester credit totals must make a request for such at the end of the summer terms of attendance.

Right to Appeal

Students placed on financial aid suspension may appeal this status by completing a Satisfactory Academic Progress Appeal Form in the Office of Student Financial Assistance within 30 days of receipt of notification.

Students who believe that they have been identified as not having met financial aid SAP requirements because of the late posting of grades should contact the Office of Student Financial Assistance once grades have been posted. A counselor will then review the information and determine whether or not the SAP requirements have been appropriately met.

Students who are placed on financial aid suspension should submit a Satisfactory Academic Progress Appeal Form, Letter of Explanation, Plan of Action and Academic Plan. The Academic Plan must be obtained from an academic advisor, or designated representative for the department. Students who fail to achieve financial aid SAP standards because of mitigating circumstances (such as illness, injury, family crisis, or credits earned from incomplete courses) should attach supporting documentation with the appeal. The Satisfactory Academic Progress committee will render a decision after reviewing the documentation presented.

Students who attend either one or both summer terms during a year when they have been placed on either financial aid probation or suspension and succeed in increasing their GPA's and/or semester credit hours completed in order to meet the minimum financial aid SAP standards for the year should appeal their status in writing with supporting documentation to the following:

Satisfactory Academic Progress Appeals Committee

Office of Student Financial Assistance

Texas Southern University

3100 Cleburne Street

Houston, Texas 77004-9987

Decisions on these appeals will be made within 20 business days after their receipt. Students will be notified in writing of the decision.

Payment for Course Registrations

Students view their account balance on-line or request an account summary from the Student Accounting Office Services Department in the E.O. Bell Hall basement. Payment deadlines are posted on the TSU web site. Students dropping and adding courses or receiving University Bookstore credit based on expected financial aid should carefully monitor their student accounts.

Students are required to have full payment through financial assistance, veteran's benefits, employee reimbursements, cash, check or credit card by the first-class day. Students may enter into a university installment agreement to prevent the cancellation of their courses due to non-payment. Students who are not paid in full and do not have an installment agreement are subject to course cancellation on the twentieth-class day of the term.

Refund Disbursement

All financial aid funds are disbursed by the Office of Student Accounts and Billing, not the Office of Student Financial Assistance; however, students who are awarded financial aid through the Office of Student Financial Assistance should stay in contact with that office regarding disbursement of funds. Funds will not be disbursed to students indebted to the University. The University refunds students' surplus monies to their designated bank account or to debit E-cards for students who opted out of direct deposit to their bank account.

Residential Life and Housing Procedures

The demand for student housing is quite large. Facilities may not be available for all students who apply. To process applications expeditiously, students must request and submit the appropriate application for the type of accommodation desired. To begin the housing reservation process, a student will submit an electronic housing application via the TSU Housing website at www.tsu.edu/housing (<http://www.tsu.edu/housing/>).

Housing Reservations

Reservations are made on a priority basis. Freshmen will be served first priority at the freshman housing facility. Sophomores are accommodated at the 2nd level, followed respectively by juniors and seniors. Assignments depend on housing availability. All domestic and international students should make applications with applicable fees as early as possible prior to the semester or term in which they wish to attend. Applicants must be accepted to the University before applying for housing accommodations. Students must provide proof of receiving the Meningitis Vaccine prior to applying for housing.

Housing Lease Cancellations/Terminations

All requests for cancellation of housing reservation or termination must be submitted to the Department of Residential Life & Housing via email to tsuhousing@tsu.edu.

Resident's Responsibilities

Students are cautioned to read carefully all terms and conditions stated on the application form, lease agreement, resident handbook, information bulletins, food service contracts and all email communications. Students will be held accountable for adherence to the contents of all contractual information. Once a student is assigned to a room, he/she is responsible for its maintenance (i.e., keeping the room in good condition) and shall be held responsible to the University for damages to equipment and furnishings. Charges will be assessed for damages or defacements beyond normal wear and tear. TSU strongly urges students to provide personal property insurance via a rider on the family's homeowners insurance or by purchase of a personal property insurance policy provided by a third-party insurance provider. All residents are expected to familiarize themselves with and abide by the Residential Life & Housing Rules and Regulations and the Student Code of Conduct (www.students.tsu.edu/wp-content/uploads/2017/04/student-code-of-conduct.pdf (<http://www.tsu.edu/students-services/departments/student-conduct/pdf/student-code-of-conduct.pdf>)).

Violation of University Rules and Regulations could result in disciplinary actions taken by Residential Life & Housing Staff, and/or the Office of Student Conduct.

Student Services and Campus Life

ERNEST S. STERLING STUDENT LIFE CENTER

The Sterling Student Life Center (SSLC) is the epicenter of campus life. Students from all over the university converge on this part of campus to engage in the unique social, cultural (And yes, even educational!) activities at one of Texas's premiere HBCUs. Located on the famous Tiger Walk, the Student Center is home to the Student Government Association (SGA), University Program Council (UPC), Herald Newspaper, Tiger Yearbook, Office of Campus Organizations, TSU Cheerleaders, Tiger Card Office, Office of Student Activities and the Office of the Assistant Dean of Student Services.

Student Life Center staff and students know that the events/programs sponsored under the auspices of Student Activities give students the opportunity to implement their ideas in a creative, practical, learning environment.

On any given day, students can be found socializing with classmates, fraternity brothers/sorority sisters, or just plain old friends in the lobby, game room, or in front of the SSLC building. Student organizations sponsor events in the Student Center that range from educational seminars to autograph signings of up and coming Hip Hop and R&B artists.

Also located in the SSLC are the Sodexo Food Services, Barnes and Noble Bookstore, the Copy Center as well as Barber and Beauty Services. In addition to student and university functions, the Student Center entities.

STUDENT LIFE

The Office of Student Life is committed to facilitating the holistic development of our students while cultivating a diverse and inclusive campus community. Student Life staff are educators and mentors who

work collaboratively with faculty and staff of the University to provide learning experiences both in and outside the classroom.

Our programs and services foster student learning and development, inspire TSU pride, promote health and wellness, and prepare students for their chosen professions in the global society.

UNIVERSITY PROGRAM COUNCIL

The University Program Council is composed of students, staff, faculty, and administrators who work in collaboration with the Office of Student Services in implementing programs for the University community. The Council's charge includes sponsoring a comprehensive list of social, cultural, intellectual, and recreational programs which enhance the total development of students.

STUDENT GOVERNMENT ASSOCIATION

The Student Government Association is the supreme governing body of Texas Southern University students. Comprised of the three branches, Executive, Legislative, Judicial, the Student Government Association serves as a means whereby students' opinions, views, and aspirations may be properly discussed and acted upon.

STUDENT PUBLICATIONS

The Office of Student Publications and the students working therein are responsible for the planning, writing, designing, and production of our student publications. Student Publications is committed to providing the students and campus community with quality publications that enhance the University.

COUNSELING SERVICES

The mission of the University Counseling Center (UCC) is to help students enhance their academic and personal well-being. The UCC seeks to provide counseling and support, crisis intervention, grief counseling, outreach, and referral services to TSU students. We also offer consultation, education, training, and prevention strategies to faculty, staff, and the university community. We seek to promote an environment of inclusion, personal development and student success.

Confidential counseling services are made available for all currently enrolled TSU students at no charge. Our primary responsibilities are to alleviate distress and promote healthy functioning by providing confidential short-term or ongoing counseling services. These services include, but are not limited to individuals, couples, family and/or group consultation, referrals, and public presentations for campus organizations and/or academic classes.

The UCC staff consists of licensed mental health professionals from diverse clinical backgrounds. The UCC will refer students to psychologists, psychiatrists, and physicians when necessary. This practice allows the staff to provide quality counseling, integrated care, appropriate referrals, consultation, and training. The UCC clinical staff are trained and experienced in responding to a variety of issues encountered by university students.

The UCC is in the Student Health Center. Office hours are 8:00 a.m. to 5:00 p.m. Monday through Friday. Come by the office or call the UCC at 713-313-7804 to make an appointment or for additional information.

STUDENT HEALTH SERVICES

Student Health Services provides medical care to students when they are sick or injured, and consistently delivers health promotions programming campus-wide. To receive services at the clinic, students must be registered for the current semester and have a valid Tiger One Card. Medical services are provided by medically trained staff on a walk-in basis.

Health Services is in the Student Health Center on Tierwester Street between Lanier East and the General Services building. The clinic is open Monday – Friday, from 8:00 a.m. to 5:00 p.m. After hours of operation and on weekends, students should contact TSUPD at (713) 313-7000 for assistance.

Services and some medications are provided free of charge to students. Fees for services received outside of the clinic are the responsibility of the student. Federal and State regulations require us to protect your health information. No one can get information from a student's medical record without the student's written consent or a court ordered subpoena.

Immunization Requirement - Bacterial Meningitis (ACWY)

If you are attending Texas Southern University for the first time, or you had a break in enrollment of one fall/spring semester and you will not be 22 years old by the first day of class, the State of Texas requires you to submit proof of vaccination against bacterial meningitis (A,C,W,Y). Initial doses must be administered at least 10 days before attending classes. If this is not your first dose, it must be taken within the past 5 years. Detailed information about the immunization requirement and how to submit your immunization record can be found at www.tsu.edu/health (<http://www.tsu.edu/health/>).

Health Insurance

International Students are required to have health insurance and are automatically enrolled and charged for the university- sponsored student health insurance plan. To have the charge removed, students are required to show proof of comparable private health insurance by completing an online waiver by the 20th day of classes.

For assistance with completing the waiver contact the Office of Risk Management. Domestic students have a variety of options for obtaining health insurance including, purchasing the university-sponsored health insurance, remaining on their parent's insurance or purchasing insurance from the provider of their choice.

Health Awareness/Health Promotions

Each semester Student Health Services provides peer-lead outreach programs focusing on the prevention of the spread of communicable diseases. Annual programming includes HIV/STI presentations, health fairs, blood and bone marrow registration drives, and health awareness campaigns. HIV testing is available in the Student Health Center every Wednesday and Friday, during the fall and spring semesters. Additional information about our services can be found at www.tsu.edu/health (https://tigernet365-my.sharepoint.com/personal/derrick_manns_tsu_edu/Documents/Desktop/catalog/www.tsu.edu/health/) or by calling the clinic at (713) 313- 7173.

TRIO STUDENT SUPPORT SERVICES PROGRAM

Funded by the United States Department of Education, Texas Southern University's TRIO Student Support Services Program is designed to provide academic assistance and counseling to "TRIO" eligible students who are pursuing a baccalaureate degree. All services are provided free of cost so as to empower participants to realize their academic and career goals. Specific program services include the following.

Tutoring

All participants are eligible to receive tutoring. Each participant will be assessed by a staff member to identify critical academic support needs. "Learning Enhancement" tutor/mentors will provide academic support assistance in numerous disciplines.

Counseling

The director and project advisor/counselor will interview and assess each eligible applicant. Together, they will identify the student's academic and self-development needs. Additionally, students will have access to career, personal and academic related counseling services.

Workshops

Workshops offered by the program include, but are not limited to, the following: financial aid assistance, test-taking skills, career planning, time management, note-taking skills, GRE, and graduate/professional school information. Each workshop is carefully designed with the student's best interest in mind.

Financial Aid Advisement

The program provides assistance in completing the Free Application for Federal Student Aid (FAFSA) and facilitate workshops relative to accessing financial aid resources, and other Financial Literacy Awareness training.

Cultural Enrichment

Participants are offered an opportunity to attend activities that foster cultural enrichment (e.g., Broadway plays and University theatrical productions, and other diversity, or cultural exposure activities).

Computer/Copier/Internet Access

So as to advance academic research, participants are afforded access to educational support resources such as copiers, computers, laptops, printers, and the internet.

TRIO Student Support Services Program Eligibility Criteria

To qualify for program participation, students must be U.S. citizens or permanent residents and have a need for academic support. Additionally, students must satisfy one of the following criteria:

- Be a first-generation college student (neither parent/nor guardian has a four-year college degree);
- Have an economic need as established by the Department of Education income guidelines; and/or
- Provide documentation to support a disability.

TRIO SSS Location and Hours of Operation

The TRIO Student Support Services main office and tutorial laboratory are in the

Bell Building, Suite 128.

Hours of Operation: 9 a.m. – 6 p.m., Monday thru Friday.

For additional information, please call the TRIO Student Support Services' administrative office at (713) 313-7483/7486.

UNIVERSITY CAREER AND PROFESSIONAL DEVELOPMENT CENTER

TSU Career & Professional Development Center (CPDC) is part of TSU's Division of Student Services. Our comprehensive services are open to all students and alumni. The mission of TSU Career & Professional Development Center (CPDC) is to contribute to the TSU community of learning by providing exceptional career development services that help students apply their education and experiences toward advancing their career goals over a lifetime. The CPDC encompasses five interlocking components: Career Awareness-Discovering your Path; Exploring Your Options; Job Location – Finding Internships; Professional Development and Career Launch Strategies.

The University Career Center also focuses on developing strong relationships with employers and assisting them in their recruiting needs. Provided services include career fairs, on-campus recruitment, and resume referrals that assist in meeting each organization's needs. If the need is filling internships, cooperative education, or full-time employment opportunities, the Career Center is dedicated to providing each organization/corporation personal and prompt service.

TSU Career & Professional Development Center staff members want to help you learn about your skills and interests, and articulate them confidently in résumés, cover letters, interviews, and personal statements; identify and explore career options that you might pursue; implement an effective strategy to attain your desired career outcomes. We invite you to visit our office, so that we may create an individualized career plan for you!

Whether a student, an alumnus, or an employer, the Career Center is committed to assisting you in meeting your goals. The Center is in the Bell Building, 1st Floor, South (rear) Entrance. Office hours are 8:30am – 5pm, Monday through Friday. For further information, contact us at 713-313-7541 or visit us at www.tsu.edu/careercenter. (<http://www.tsu.edu/careercenter/>) To register with the Career Center, go to tsu.joinhandshake.com. (<https://tsu.joinhandshake.com/>) **P.O.W.E.R.** Providing Opportunities Within Everyone's Reach

Connect with us: @TSUCareerCenter

Facebook: <https://www.facebook.com/tsucareerservices/>

Twitter: <https://twitter.com/tsucareercenter> (<https://twitter.com/tsucareercenter/>)

Instagram: <https://www.instagram.com/tsucareercenter/>

LinkedIn: <http://www.linkedin.com/in/tsucareercenter> (<http://www.linkedin.com/in/tsucareercenter/>)

OFFICE OF VETERAN SERVICES

The Office of Veteran Services functions as part of the Division of Student Services and supports the educational process of servicemen/women

and veterans of the Armed Forces of the United States, their spouses and/or dependents who are eligible for educational benefits at the University. Areas of services include:

- Texas Southern University Office of Veteran Affairs (TSUOVA)
- Texas Southern University Veterans Resource Center (TSUVR)
- Reserve Officers' Training Corps Programs (ROTC)
- Other Affiliated Programs and Services

Basic educational eligibility requirements include the DD214 (Member 4 or Service 2), official military Joint Services Transcript (JST), and the Certificate of Eligibility (COE) from the Department of Veterans Affairs. The office's primary mission is providing advising and assistance to facilitate acquiring educational benefits from the Veterans Administration (VA) and Texas Veterans Commission (TVC) programs.

The Texas Southern University Office of Veteran Services also provides numerous programs to assist with the transitional processes involved with our returning veterans and their families. We have a University Counseling Center on campus as well as provide referrals to the Houston VA Medical Hospital. Opportunities also exist for student employment with the VA Federal Work-Study program and the TSU Career and Professional Development department. There is also a Resource Center within the department for use by VA students. To inquire about any VA benefits, programs, or resources, please contact us at (713) 313-7862 or via email at veteransaffairs@tsu.edu. You may also find information online at www.tsu.edu/veterans (<http://www.tsu.edu/veterans/>), the U.S. Department of Veterans Affairs website at www.va.gov (<http://www.va.gov/>) or the Texas Veterans Commission website at www.tvc.texas.gov (<http://www.tvc.texas.gov/>).

Veterans (VA) Benefits (Federal)

VA education benefits include Chapter 30, 31, 33, 35, 1606 and 1607, and Tuition Assistance. Students are reminded that federal law does not allow for the University to process out of state tuition/fees. The student has the responsibility to provide the residency application to the Office of Veteran Services for approval and forwarding to the TSU Office of the Registrar for final processing (waiver, not to be confused with in-state tuition/fees).

Texas Hazlewood Act (State)

Information for eligibility and the application for the Hazelwood Act can be found at www.tvc.texas.gov (<http://www.tvc.texas.gov/>). Additional required document information is located at www.tsu.edu/veterans (<http://www.tsu.edu/veterans/>). Students are reminded to comply with timelines, GPA/SAP eligibility and in-state requirement for Veteran and dependents (some exclusions apply).

Veterans Priority Registration/Processing

Veterans receive priority registration for all semesters 1 week prior to regular student registration. Current and prospective students are encouraged to begin the benefits application process at least 45 days prior to Veterans Registration. Early submission of all required documentation is processed in the order received granted all required paperwork and documentation has been received by the Office of Veteran Services ensures delivery of benefits in a timely manner.

Reserve Officer Training Corps (ROTC)

Texas Southern University has a Reserve Officer Training Corps (ROTC) program. Students interested in joining ROTC can contact Mr. Roland Thomas at 713-313-4857.

Statement of Ethical Principles

- Americans with Disabilities Act (ADA)/Section 504 Policy (p. 459)
- Student Accessibility Services Office (SASO) (<https://catalog.tsu.edu/graduate/statement-ethical-principles/student-accessibility-services-office-saso/>)
- Substance Abuse Prevention, Education, and Intervention Program (SAPEI) (p. 459)
- Title IX Grievance Procedures (p. 455)

Title IX Grievance Procedures

I. Purpose and Scope

It is the policy of Texas Southern University not to discriminate on the basis of sex in its educational programs and activities as required by Title IX of the Education Amendments of 1972. Title IX provides that "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Sex discrimination includes sexual harassment and sexual assault. This policy shall apply to all students, staff, faculty, contractors, vendors, and/or visitors to Texas Southern University.

As a student of the University you are protected from sex discrimination in areas including, but not limited to:

- Admission to Schools/Colleges
- Access to Enrollment in Courses
- Access to and Use of School Facilities
- Counseling and Guidance Materials, Tests and Practices
- Vocational Education
- Physical Education
- Competitive Athletics
- Graduation Requirements
- Student Rules, Regulations and Benefits
- Treatment as a Married And/or Pregnant Student
- Housing
- Financial Assistance
- Health Services
- School-Sponsored Extracurricular Activities

As an employee of the University you are protected from sex discrimination in areas including, but not limited to:

- Employment, evaluation, wages, advancement, assigned duties and shifts
- Career advancement
- Other terms and conditions of employment

II. Definitions

1. Sex Discrimination. Sex discrimination can occur when conduct is directed at a specific individual or a group of identifiable individuals that adversely affects the education or employment of the individual

or group because of sex. Behaviors that may be sex discrimination include, but are not limited to:

- a. Exclusion from educational resources or activities because of one's gender
 - b. Subjection to jokes or derogatory comments about one's gender; or
 - c. Being held to different standards or requirements on the basis of one's gender
2. Sexual Harassment. Sexual harassment is a form of sex discrimination that can occur when there are:
 - a. Unwelcome sexual advances;
 - b. Request for sexual favors, whether or not accompanied by promises or threats relating to the employment or academic relationship, or that in any way influence any academic or personnel decision regarding a person's academic standing, employment, evaluation, wages, advancement, assigned duties, shifts or any other condition of employment, career or academic development;
 - c. Any verbal or physical conduct of a sexual nature that threatens or implies, either explicitly or implicitly, that an employee's or student's submission to or rejection of sexual advances will in any way influence any personnel or academic decision regarding his or her academic standing, employment, evaluation, wages, advancement, assigned duties, shifts or any other condition of employment, career or academic development;
 - d. Any verbal or physical conduct that has the purpose or effect of substantially interfering with an employee's ability to do his or her job or a student's academic standing, performance or development;
 - e. Any verbal or physical conduct that has the purpose or effect of creating an intimidating, hostile or offensive working or educational environment; and
 - f. Certain conduct in the workplace or educational environment, whether physical or verbal, committed by supervisors, non-supervisory personnel, or faculty, including but not limited to references to an individual's body; use of sexually degrading words to describe an individual; offensive comments; off-color language or jokes; innuendoes; and sexually suggestive objects or behavior, books, magazines, photographs, cartoons or pictures.
 3. Sexual Assault. Sexual assault is a non-consensual act involving psychological manipulation, physical force, or coercion. As defined by the Texas Penal Code, a stranger or acquaintance commits sexual assault through forcible sodomy, forcible sexual penetration, however slight, of another person's mouth, anal or genital opening with any object. These acts must be committed without the victim's consent either by force, threat of force or violence, intimidation or through the use of the victim's mental or physical helplessness of which the accused was aware or should have been aware.

III. Reporting of Complaints

Texas Southern University (TSU) encourages any student, employee or visitor who thinks that she or he has been subjected to sex discrimination, sexual harassment or sexual assault by another student, member of the faculty or staff, campus visitor or contractor, to report that action immediately to the University's Title IX Coordinator or a Deputy Coordinator.

Any complaint of sex discrimination, sexual harassment or sexual assault made under this procedure must be submitted in writing within 180 days

after the occurrence (or the last of a series of occurrences) of the alleged discrimination.

All TSU employees are responsible for promptly reporting incidents of sex discrimination, sex harassment and sexual assault that come to their attention to the University's Title IX Coordinator or a Deputy Coordinator (unless the employee is statutorily barred from sharing such information). All other individuals (e.g. students, visitors) are urged to report to their supervisors or the University's Title IX Coordinator/Deputy Coordinators conduct that they believe violate the University policies prohibiting sex discrimination.

IV. Notice of Title IX Coordinator/Deputy Coordinators

While compliance with the law is everyone's responsibility at the University, listed below are the University's Title

IX Coordinator, Deputy Coordinator and Intake Investigators who have primary responsibility for Title IX compliance.

Title IX Coordinator:

Bobby Brown, JD, Office of Title IX

106 Hannah Hall

Texas Southern University

Houston, TX 77004

Duties and responsibilities of the Title IX Coordinator include monitoring and oversight of overall implementation of Title IX compliance at the University, including, but not limited to coordination of training, education, communications, and administration of grievance procedures for faculty, staff, students and other members of the University community.

Title IX Intake Investigators:

For student complaints, please contact:

Ms. Delynn Walker

Office of the Dean of Students Recreation Center, Room 200

Texas Southern University

Houston, TX 77004

Delynn.Walker@tsu.edu

For faculty, staff and visitor complaints, please contact:

Dr. Dominique Guinn

Health & Kinesiology Department

Health & Physical Education Building, Room 159

Texas Southern University

Houston, Texas 77004

(713) 313- 7584

Dominique.Guinn@tsu.edu

For complaints in Athletics, please contact:

Dr. Dwalah Fisher

Senior Woman Administrator - Athletics

Health & Physical Education Building, Room 114

Texas Southern University

Houston, Texas 77004

(713) 313- 7272

Dwalah.Fisher@tsu.edu

Gender Equity in Athletics

If you have a complaint about gender equity in TSU athletic programs, you should contact the Senior Woman Administrator - Athletics, who is responsible for Title IX compliance in matters relating to gender equity in TSU athletic programs.

For Sexual Assault:

To file a complaint of sexual assault, you may contact one of the offices listed above, and you may also contact:

TSU Department of Public Safety

Texas Southern University

3443 Blodgett Street

Houston, Texas 77004

(713) 313-7000 (Emergency)

(713) 313-7001 (Non-emergency)

U.S. Department of Education, Office for Civil Rights

You may also file a complaint of illegal discrimination with the Dallas regional office of the U. S. Department of Education's Office for Civil Rights (OCR).

Contact information for OCR:

1999 Bryan Street, Suite 1620

Dallas, Texas 75201

(214) 661-9600

OCR.Dallas@ed.gov

Confidentiality

Discrimination and harassment complaints will be handled in a confidential manner to the extent possible and consistent with principles of due process. Information will only be shared on a need-to-know basis and as provided for by University policy and applicable federal and state laws.

V. Informal Resolution Procedures

Though not required, employees and students are encouraged to attempt initially to resolve complaints at the lowest level through the administrative structure of the employment unit or academic department.

If you would like to proceed informally, you should ask your supervisor, the other person's supervisor, the Title IX Coordinator or a Deputy Title IX Coordinator to intervene. Do not rely upon other co-workers or individuals who are not familiar with University policy to intervene on your behalf when discussing your concerns with the person whose behavior is unwelcome and/or offensive. In cases involving allegations of sexual assault, mediation is not appropriate, even on a voluntary basis.

You have the right to end the informal resolution process at any time and begin the formal resolution process.

Supervisors or administrators, including faculty, always should contact the Title IX Coordinator or a Deputy Coordinator before attempting to resolve any complaints.

VI. Formal Resolution Procedures

You may initiate formal complaint procedures by filing a complaint with the University's Title IX Coordinator or a Deputy Coordinator ("Coordinator") whether or not you have attempted resolution through informal procedures. The individual who files the complaint is referred to as the "Complainant". The individual against whom the complaint is filed is referred to as the "Respondent". Collectively these individuals are referred to as the "parties". The University will work to investigate all complaints as quickly and professionally as possible. When investigations confirm the discrimination and/or harassment allegations, appropriate corrective action will be taken to prevent the recurrence of any discrimination or harassment.

The following communications do not constitute a complaint and will not be investigated or resolved pursuant to this complaint resolution process:

Notwithstanding the foregoing, the University will, pursuant to its obligations under Title IX, respond to all incidents of possible sex discrimination, harassment and sexual assault, of which it knows or reasonably should know.

If the Complainant wishes to proceed directly with the formal complaint procedures, or the Respondent declines to participate in an informal resolution or attempts to resolve the complaint through informal procedures are unsuccessful, the Coordinator will assess the Complainant's written complaint to determine whether the allegations state a potential violation of federal or state laws and/or University policies.

If the Coordinator determines that the allegations of the complaint state a potential violation, the Coordinator will notify the Complainant that the complaint has been accepted and within ten (10) days thereafter provide written notice to the Respondent of the complaint allegations. In addition to notice of the complaint being provided to the Respondent, the Coordinator shall provide notice to the Respondent's immediate supervisor and divisional vice president.

If the Coordinator determines that the allegations of the complaint do not state a violation of University policy or federal or state laws, the Coordinator will provide written notice of this decision to the Complainant. The notice shall explain why the complaint does not state a violation.

All interviews will be audio recorded. Parties and witnesses will be informed that their statements will remain confidential only to the extent allowed by laws.

Evidence will be reviewed using a preponderance of the evidence standard (e.g. is it more likely than not that a violation of University policy occurred).

No further action or appeal will be allowed following a Coordinator's determination that the Complainant has abandoned their complaint. The Coordinator will provide written notice to the Complainant of this determination.

Notwithstanding the foregoing, the University will, pursuant to its obligations under Title IX, respond to all incidents of possible sex discrimination, harassment and sexual assault, of which it knows or reasonably should know.

If the report determines a finding of a violation of University policy and/or federal or state law, within five (5) working days following receipt of the report of findings and recommendation, the supervisor/department head shall determine a disciplinary action that is appropriate for the severity of the conduct. Disciplinary action which may include sexual harassment, non-retaliation and/or managerial training, a letter of reprimand, a formal letter of apology to the Complainant, a reduction in administrative duties (e.g. removal as chair of department), unpaid suspension and/or termination of employment, will be taken in accordance with applicable University policies and procedures. Disciplinary action must be approved by the Office of Human Resources prior to the action being taken.

The supervisor/department head shall communicate the discipline decision in writing to the Coordinator and the Coordinator shall provide written notice to the parties of the outcome of the investigation.

Any disciplinary proceedings involving a student will be conducted pursuant to the provisions of the University's Student Conduct Code. Disciplinary sanctions under the Code may include sexual harassment and non-retaliation counseling, disciplinary reprimand, disciplinary probation, suspension and expulsion.

The University will take necessary steps to prevent the recurrence of any discrimination found to exist. The Coordinator shall provide written notice to the parties of the outcome of the investigation.

In all Student Conduct Code disciplinary proceedings initiated pursuant to this Policy the Complainant will be provided with the same procedural protections provided to the Respondent, including but not limited to the right to:

Further, the Complainant and Respondent will not be allowed to personally question or cross-examine each other during disciplinary hearings/proceedings. Finally, all evidence will be reviewed using a preponderance of the evidence standard (e.g. is it more likely than not that a violation of the Student Conduct Code occurred).

As required by Federal law, any disclosure of the findings and decision in regard to student disciplinary proceedings will be governed by the provisions of the Family Educational Rights and Privacy Act.

Protective measures may include but are not limited to temporary changes in working conditions (such as changes in supervisor, shift, job site, or office location), changes in class schedule, changes in living arrangements, directives to the Complainant and Respondent to avoid personal contact or refrain from such contact without a third-party neutral person present, and in severe cases interim suspension.

The filing of a complaint of sexual assault under this Policy is independent of any criminal investigation or proceeding, and (except that the University's investigation may be delayed temporarily while the

criminal investigators are gathering evidence) the University will not wait for the conclusion of any criminal investigation or proceedings to commence its own investigation and take interim measures to protect the Complainant and the University Community, if necessary.

1. **Filing of a Complaint.** The complaint must be submitted in writing, must be filed within one hundred eighty (180) days of the incident (or last of a series of incidents) that is the basis of the complaint, and must contain the following information:
 - Complainant's name and contact information, including address, telephone number and e-mail address;
 - Name of Complainant's Department Head/Dean/Vice President (if Complainant is an employee);
 - Name of person(s) responsible for alleged violation(s);
 - Date(s) and place(s) of alleged violation(s);
 - Nature of alleged violation(s) as defined in this policy;
 - Detailed description of the specific conduct that is the basis of alleged violation(s);
 - Names of any witnesses to alleged violation(s);
 - Action requested to resolve the situation;
 - Complainant's signature and date of filing; and
 - Any other relevant information/documents

The following communications do not constitute a complaint and will not be investigated or resolved pursuant to this complaint resolution process:

- Oral allegations
- E-mail correspondence
- Anonymous communications
- Courtesy copies of correspondence or a complaint filed with others/other entities
- Inquires that seek advice or information only
- Pre-complaint consultations and informal resolution activity

Notwithstanding the foregoing, the University will, pursuant to its obligations under Title IX, respond to all incidents of possible sex discrimination, harassment and sexual assault, of which it knows or reasonably should know.

2. **Receipt of a Complaint.** Upon receipt of the written complaint, the Coordinator will meet with the Complainant within five (5) working days to review the complaint procedures, discuss the Complainant's allegations, and determine, if appropriate, whether the Complainant is amenable to resolving the complaint through informal procedures. If the Complainant is willing to first proceed informally, the Coordinator will temporarily postpone the complaint investigation and contact the Respondent to determine whether he or she is willing to participate in an informal resolution.

3. **Acceptance of a Complaint.** Within five (5) working days of: 1) the Coordinator's receipt of the complaint; 2) the Coordinator's initial meeting with the Complainant; or 3) the Coordinator's determination that an informal resolution of the Complainant's complaint is no longer feasible – whichever is later, the Coordinator shall decide whether the written complaint states a potential violation of University policies or federal or state laws and shall notify the Complainant in writing of her/his determination.

4. **Complaint Investigation.** The allegations in all complaints will be investigated thoroughly to assure a resolution that is consistent with the facts. The investigation may include, but is not limited to:

- Interviewing the Complainant
- Interviewing the Respondent
- Interviewing witnesses and reviewing evidence presented by the parties
- Interviewing other material witnesses
- Reviewing relevant files and records;
- Comparing the treatment of the Complainant to that of others similarly situated in the department or unit; and/or
- Reviewing applicable policies and procedures

5. **Abandonment of Complaint.** The following acts may constitute abandonment of a complaint:

- Failing to respond or take an action required by the policy or procedure within the specified time limit;
- Failing to appear for a scheduled meeting/hearing without adequate cause; or
- Otherwise failing to advance the complaint in a timely manner.

6. **Report of Findings and Recommendation – Complaints Against Nonstudents.** The investigation shall normally be concluded within sixty (60) working days of the filing of the written complaint, at which time the Coordinator shall issue a written report to the Respondent's supervisor/department head. If a complaint is directed against a supervisor/department head who would otherwise act on a complaint, the function assigned to that supervisor/department head will be delegated to the next level supervisor in the Respondent's line of supervision. The report shall include a summary of the Complainant's allegations, the Respondent's response to the allegations, findings of fact and conclusions, as well as appropriate recommendations.

7. **Report of Findings and Recommendation – Complaints Against Students.** The investigation shall normally be concluded within sixty working (60) days of the filing of the written complaint, at which time the Coordinator shall issue a written report. The report shall include a summary of the Complainant's allegations, the Respondent's response to the allegations, findings of fact and conclusions, as well as appropriate recommendations.

- Receive notice of the hearing;
- Select and be accompanied and assisted by an advisor;
- Attend a pre-hearing disciplinary conference;
- Present witnesses and evidence in support of her/his position;
- Appeal the determination of the hearing panel;
- Notice of the outcome of the complaint and any appeal

Further, the Complainant and Respondent will not be allowed to personally question or cross-examine each other during disciplinary hearings/proceedings. Finally, all evidence will be reviewed using a preponderance of the evidence standard (e.g. is it more likely than not that a violation of the Student Conduct Code occurred).

As required by Federal law, any disclosure of the findings and decision in regard to student disciplinary proceedings will be governed by the provisions of the Family Educational Rights and Privacy Act.

8. **Protective Measures.** At times the Title IX Coordinator/Deputy Coordinator may deem it necessary to recommend steps before or during

an investigation to protect the rights and interests of the Complainant and/or the Respondent. Those measures may be designed to reduce or eliminate contact between the Complainant and Respondent so that both parties feel safe in their work or educational environment. Protective measures may also guard against further actual or perceived discrimination or retaliation.

9. Effect of Criminal Proceedings. Because sexual assault may constitute both a violation of University policy and criminal activity, the University encourages students to report alleged sexual assaults promptly to University and/or local law enforcement agencies. Criminal investigations may be useful in the gathering of relevant evidence, particularly forensic evidence. Because the standards for finding a violation of criminal law are different from the standards for finding a violation of this Policy, criminal investigations or reports are not determinative of whether sexual assault, for purposes of this Policy, has occurred. In other words, conduct may constitute sexual assault under this Policy even if law enforcement agencies lack sufficient evidence of a crime and therefore decline to prosecute.

10. Retaliation Prohibited. It is contrary to Title IX, and other federal and state civil rights laws, and to University policy, to retaliate against any person for asserting his/her civil rights, including filing a claim of discrimination or participating as a witness in an investigation. Retaliation or reprisals against any participant in an investigation will not be tolerated by the University. Retaliation against a person who files a claim of discrimination (including sexual harassment or sexual assault) is grounds for a subsequent claim by that person under the University's Retaliation policy (MAPP 02.05.14). If a person believes that he or she has been retaliated against as a result of filing a grievance or participating in the investigation of a grievance, he or she may pursue a separate complaint charging retaliation.

11. Filing of False Complaints. Any employee or student who knowingly and intentionally files a false complaint under this procedure is subject to disciplinary action up to and including dismissal from the University/ termination of employment.

12. Time Frames. Time frames referenced in these procedures may be extended by the Coordinator for good cause, such as holidays or when classes are not in session, or when it is necessary to complete an investigation due to difficulties reaching witnesses or parties to the complaint.

VII. Title IX Grievance Procedures

This procedure shall constitute the grievance procedures for complaints alleging unlawful sex discrimination required under Title IX of the Education Amendments of 1972. As used herein, "complaint" is synonymous with "grievance".

VIII. Other Discrimination Grievances/Complaints

Complaints and grievances by faculty, staff and students alleging other forms of unlawful discrimination and harassment by faculty or staff, including but not limited to unlawful discrimination/harassment based on race, color, religion, national origin, age, disability, sexual orientation or veteran status, are subject to the procedures set forth in the University's "Complaint and Grievance Policy" – MAPP 02.05.01.

STUDENT ACCESSIBILITY SERVICES OFFICE (SASO)

The mission of the Student Accessibility Services Office (SASO) formerly known as the Office of Disability Services (ODS) is to ensure that qualified individuals with diagnosed disabilities are afforded an equal opportunity to access and participate in University programs, services, and activities through the provision of accommodations and advocacy.

Confidential services are made available for all currently enrolled TSU students at no charge. We offer individualized services that are structured to support and assist students in attaining their educational goals. Registered students are provided effective auxiliary aids, reasonable academic accommodations and supportive service referrals based on the disability. Assistive technology and equipment are available in the SASO Lab to support academic challenges. Academic Enhancement Trainings are offered to develop and/or enhance student's study skill sets. Our motto is to promote self-awareness, self-determination, and self-advocacy in a comprehensive accessible environment.

The SASO upholds and maintains the Americans with Disabilities Act (ADA), the ADA Amendment Act of 2008 and Section 504 of the Rehabilitation Act of 1973 compliance standards to ensure policies, procedures and practices are non-discriminatory.

SASO is in the Student Health Center, room 140. Office hours are Monday through Friday from 8:00am to 5:00pm.

For further information, contact the office at 713-313-4210 or email DisabilityServices@tsu.edu

ADA Coordinator:

Ms. Yolanda Edmond
Office of Title IX
Hannah Hall 126
Texas Southern University
Houston, TX 77004
(713) 313-4239
yolanda.edmond@tsu.edu

Substance Abuse Prevention, Education, and Intervention Program (SAPEI)

The total health and welfare of the students at Texas Southern University (TSU) is of paramount concern to all staff, faculty, and administrators, who realize that students are striving to achieve a quality education and prepare to enter the work force. They also recognize that alcohol and other drugs often become a part of the social interaction of young people. TSU, as well as all other federally funded institutions of higher learning, is mandated by the United States Department of Education to have a program on campus that will address the use of alcoholic beverages and illicit drugs by students. The unit charged with this responsibility is the Substance Abuse Prevention, Education and Intervention Program (SAPEI) of the University Counseling Center. SAPEI is an outcome of the Higher Education Amendments of 1986. TSU's Board of Regents has approved policies to regulate the use of alcohol, drugs, and other controlled substances on campus.

The SAPEI program utilizes a variety of approaches with which to educate our students; among these are classroom presentations, dissemination of educational materials (pamphlets, brochures), and campus-wide observances (e.g., National Collegiate Alcohol Awareness Week, health fairs, etc.). It also cosponsors programs with various student organizations on campus. SAPEI also provides individual, family, and group counseling at no charge to all currently enrolled students.

SAPEI is located in the Student Health Center. Office hours are 8:00 a.m. to 5:00 p.m. Monday through Friday. Call SAPEI at 713-313-7800, either to make an appointment or for additional information.

Schools and Colleges

- School of Communication (p. 460)
- College of Liberal Arts and Behavioral Sciences (p. 479)
- College of Education (p. 498)
- Jesse H. Jones School of Business (p. 544)
- College of Pharmacy and Health Sciences (p. 558)
- Barbara Jordan - Mickey Leland School of Public Affairs (p. 567)
- College of Science, Engineering and Technology (p. 603)

School of Communication

The **Master of Arts in Communication** program is designed to provide advanced knowledge and skills to individuals who want in-depth understandings of processes, application, engagement, and discovery in an intellectual climate. We pride ourselves in providing a wide range of perspectives, approaches, research, and practical application in communication and multimedia content. Our graduate students thrive by learning in a diverse environment and by the richness provided in the various course offerings. As graduate students continue to discover their strengths in communication research and media production, they become more prepared and confident to work in a wide variety of careers or continue their studies at the doctoral level.

The **School of Communication (SOC)** seeks to achieve the following objectives:

- Provide students with a theoretical, practical and research foundation in communication and media so that they may acquire enhanced understandings of their professional specialties;
- Prepare students for further study toward the Ph.D. degree;
- Provide students with advanced skills in content creation, production and industry technology;
- Provide students a platform to expand their real-world industry experience and creative problem-solving

Graduate students in the **Master of Arts in Communication** program can either earn a thesis or non-thesis Master's degree with an opportunity to focus their area of study in one of four concentrations. All concentrations in the **Master of Arts in Communication** are designed to be completed in four semesters if a student attends full time, completes their master or thesis project and defends within that time period.

Concentrations include:

- Media Studies
- Professional Communication & Digital Media

- Organizational Communication
- Health Communication

CONCENTRATION DESCRIPTIONS

Media Studies

The Media Studies concentration focuses on the understanding, interpretation and application of the scholarly study of the mass media. This concentration provides foundations in theory and research on mass media and relates the theory and research to the professional and ethical/legal/policy aspects of these media. It prepares students for the further development of the foundations in theory and research in doctoral programs, as well as the application of the theory and research in the corporate, governmental, consulting, educational and/or public service environments. Students gain an understanding of mass media in courses on such issues as Theory and Process of Communication; Research on Mass Communication; Media Law and Ethics; Media Effects; International Media Systems; Social Media, Culture, and Communication; Race, Gender, Class and the Media; International Mass Media; and Media Technology.

Professional Communication & Digital Media

Many media professionals and media studies teachers with undergraduate degrees in communication studies, journalism, public relations, or media production are looking for master's programs to sharpen their professional skills. The School of Communication has designed a concentration to support the needs of this type of student. The concentration in Professional Communication and Digital Media examines the strategic use of digital technologies for communication professionals –it addresses how to use the Web and social media to reach out to diverse publics and how to incorporate digital with traditional communication campaigns. In the Professional Communication and Digital Media concentration, after taking foundational and required classes in professional skills, the master's candidates will complete a two-semester project in long-form journalism, documentary film, web-based journalism, or digital instructional material for classroom use. We promote the value and need for collaboration among our students. This program is designed for students who maintain some background and experience with production tools and equipment.

Courses include effective Web design and strategy, public relations in the digital age, visual and narrative storytelling, documentary production, writing for digital media and film, using digital and social media, and devising a digital strategy for a non-profit organization. Digital communication tools are an important part of the modern communication workplace.

Organizational Communication

This concentration advances the scholarly skills of students in the theoretical frameworks for the study of organizational contexts, communication within the organization, communication structures of the organization, and crisis management. This concentration incorporates theoretical foundations and research methodology used to study organizational processes, current problems in organizational contexts (such as corporate and nonprofit systems, employee and management information flow, and organizational culture).

Health Communication

This concentration allows public health professionals, nonprofit leaders, and researchers to gain advanced knowledge of communication

models, processes, strategic communication, and health campaigns. Students gain advanced knowledge of theories, research, and practice to examine current problems in health care. This degree program allows professionals and nonprofessionals an opportunity to study how information is generated and shared among health professionals, communities, individuals and public advocates. Students in this concentration develop new understandings of channels, messages, and cultural and other contexts that influence individuals and groups to seek health information. The concentration is also designed to equip professionals with the skills to analyze, design, and evaluate policies, campaigns and structures in health communication environments. Students acquire the knowledge and skills they use to plan campaigns, cultivate initiatives for specific groups, analyze program objectives, develop public speaking skills they apply in addressing various audiences, and assess communication processes within different medical environments.

Admissions Criteria and Application Process

Students may be admitted to the Master of Arts in Communication program in both Fall and Spring semesters.

Fall Enrollment Deadline:

Application and all supporting documents must be received by July 15th for the Fall semester.

Spring Enrollment Deadline:

Application and all supporting documents must be received by November 15th for the Spring semester.

Applications received after these dates will be considered for the following semester. Early admission is highly encouraged.

Only completed applications (containing all required application materials listed above) will be reviewed for admission. Graduate application materials are received by the Graduate School and forwarded to The School of Communication for review. The recommendation of the School of Communication is returned to the Graduate School. The final admission decision is made by the Graduate School, and the applicant is notified of the decision accordingly. Prospective students wishing to inquire about their application status should direct questions to the Graduate School, until they receive official admissions notification.

Applicants must be fully admitted to the program before enrolling in coursework. Admission is competitive and based on an applicant's entire academic record. The requirements stated are the minimum standards for consideration of an application and do not guarantee admission. Admission to the program is contingent upon admission to the Graduate School. Please note that admission is only applicable for the semester admitted.

Application Process

The **Master of Arts in Communication** program requires, at a minimum, that applicants have a B.A. in communication or a closely related field with a 3.2 grade point average for the upper division courses (usually the last 30 semester hours). In addition to meeting the Graduate School's requirements for admission, retention, examinations, candidacy and graduation as listed elsewhere, applicants should submit the following:

1. An official transcript of all undergraduate course work. (Must show evidence of a baccalaureate degree from an accredited institution.)

2. A 500-750 word personal essay/statement that details the academic and professional preparation for, and interest in, the graduate program. The essay should clearly state the applicant's choice of concentration (Media Studies, Professional Communication & Digital Media, Organizational Communication, or Health Communication). The essay should address the reasons the applicant selected his or her specific program and concentration; details of the collegiate academic background and professional experiences of the applicant; and the post- MA-program goals of the applicant.
3. Two confidential letters of recommendation from faculty who have taught the applicant. The letters should address applicant's strengths, areas of improvement, and commitment to excellence. Applicants with related professional experience may submit an additional letter of recommendation from their supervisors.
4. A current resume.
5. For concentrations in Media Studies, Organizational Communication, and Health Communication, applicants must submit a writing sample 10-20 pages, single author, submitted for a graded assignment or publication.
6. For concentration in Professional Communication & Digital Media, applicants must submit a portfolio containing a multi-media project submitted for class or published (included but not limited to YouTube, digital or new media source, website, news, entertainment outlet, or festival submission).
7. Official TOEFL (Test of English as a Foreign Language) score if the applicant's native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper-based test, 213 on the computer-based test, or 79 on the Internet based test, is required.
8. NO GRE or ENGLISH PROFICIENCY exam required for this degree program.

SOC Application Checklist

Fall Admission: July 15 | **Spring Admission:** November 15

1. Completed Online Application
2. Pay Application Fee
3. Order and Submit Official Transcripts
4. Completed Personal Essay (Include Concentration Choice)
5. Letter of Recommendation (1)
6. Letter of Recommendation (2)
7. Submitted Resume
8. Submitted Writing Sample for Concentrations in Media Studies, Organization, and Health Communication (if applicable)
9. Submitted Portfolio for Concentration in Professional Communication & Digital Media (if applicable)
10. Submitted TOEFL Scores (if applicable)
11. Confirmation from the Graduate College
12. Notification of Admission Status

Documents may be submitted electronically or by mail. Transcripts, letters of recommendation, and materials should be mailed to the address below. No applications will be processed without payment of the application fee.

The Graduate School

Texas Southern University

TSU Box #1254

3100 Cleburne

Houston, TX 77004-1254

Admission Requirements

Applicants must meet all of the following requirements:

Unconditional Admission:

1. Graduate with a four-year baccalaureate degree from an accredited college or university (degrees from institutions outside the U.S. are evaluated for equivalency to U.S. degrees).
2. Possess a grade point average of at least 3.0 in undergraduate studies.
3. Complete satisfactory preparation in the specific discipline or field of study.
4. Attain a score of at least 213 on the TOEFL, if an international student.

Conditional Admission:

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 2.8 undergraduate grade point average or the undergraduate grade point average within the last thirty-hours (30) of course work must be at least 3.2. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in **each** course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time will result in the student being dismissed from the program. Conditional admits are not eligible for financial aid.

Post-Baccalaureate and Non-Degree Seeking Applicant Policy:

1. Applicants are not eligible for financial aid.
2. If admitted as a post- baccalaureate student, the student is required to earn a minimum of 3.5 in those hours they take while in the graduate program in order to be admitted into the program.
3. If admitted with non-degree-seeking status, a student is allowed to take up to six (6) hours only.

Degree Requirements and Program Policies

Master of Arts in Communication Overview

Fulfillment of the general requirements for graduation as outlined in the general information section of the Graduate School Bulletin and specific requirements for the Master of Arts in Communication as summarized below:

Minimum General Requirements for the Master of Arts in Communication Degree:

1. A degree plan must be filed with the Graduate School within the first semester of coursework.
2. A minimum grade point average of 3.0 is required for all graduate work attempted.
3. Courses transferred may not exceed 6 semester hours and must have earned a grade of "B" or higher.

4. No more than 6 semester credit hours of "C" and/or "C+" work are accepted toward satisfying graduation and degree requirements.
5. The program must be completed within 6 calendar years.

Warning Status and Grade Point Average

In order to continue in the Graduate School, the student must maintain a grade point average of at least 3.00.

A graduate student whose graduate grade point average falls below 3.00 at the end of any semester or summer session will be warned by the Graduate School that his or her continuance in the Graduate School is in jeopardy. The student must attain a graduate grade point average of at least 3.00 during the next semester in which he or she is enrolled or will be subject to dismissal.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 2.8 undergraduate grade point average or the undergraduate grade point average within the last thirty-hours (30) of course work must be at least 3.2. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in **each** course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time will result in the student being dismissed from the program. Conditional admits are not eligible for financial aid.

Post-Baccalaureate and Non-Degree Seeking Applicant Policy

1. Applicants are not eligible for financial aid.
2. If admitted as a post- baccalaureate student, the student is required to earn a minimum of 3.5 in those hours they take while in the graduate program in order to be admitted into the program.

If admitted with non-degree-seeking status, a student is allowed to take up to six (6) hours only.

- Communications (Health Communication Concentration-Academic), Master of Arts (p. 462)
- Communications (Media Studies/Research and Theory Concentration-Academic), Master of Arts (p. 467)
- Communications (Organizational Communication Concentration-Academic), Master of Arts (p. 471)
- Communications with Professional Communication and Digital Media Concentration Professional, Master of Arts (p. 475)

Communications (Health Communication Concentration-Academic), Master of Arts

The **Health Communication** concentration allows public health professionals, nonprofit leaders, and researchers to gain advanced knowledge of communication models, processes, strategic communication, and health campaigns. Students gain advanced knowledge of theories, research, and practice to examine current problems in health care. This degree program allows professionals and nonprofessionals an opportunity to study how information is generated and shared among health professionals, communities, individuals and public advocates. Students in this concentration develop new

understandings of channels, messages, and cultural and other contexts that influence individuals and groups to seek health information. The concentration is also designed to equip professionals with the skills to analyze, design, and evaluate policies, campaigns and structures in health communication environments. Students acquire the knowledge and skills they use to plan campaigns, cultivate initiatives for specific groups, analyze program objectives, develop public speaking skills they apply in addressing various audiences, and assess communication process within different medical environments.

Admission Requirements

Applicants must meet **all** of the following requirements:

Unconditional Admission

1. Graduate with a four-year baccalaureate degree from an accredited college or university (degrees from institutions outside the U.S. are evaluated for equivalency to U.S. degrees).
2. Possess a grade point average of at least 3.0 in undergraduate studies.
3. Complete satisfactory preparation in the specific discipline or field of study.
4. Attain a score of at least 213 on the TOEFL, if an international student.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 2.8 undergraduate grade point average or the undergraduate grade point average within the last thirty-hours (30) of course work must be at least 3.2. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in each course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time will result in the student being dropped from the program. Conditional admits are not eligible for financial aid.

Post- Baccalaureate and Non-Degree Seeking Applicant Policy

1. Applicants are not eligible for financial aid.
2. If admitted as a post-baccalaureate student, the student is required to earn a minimum of 3.5 in those hours they take while in the graduate program in order to be admitted into the program.
3. If admitted with non-degree-seeking status, a student is allowed to take up to six (6) hours only.

Summary

Code	Title	Hours
	Foundation Course Requirements (p. 463)	12
	Required Courses (p. 463)	15
	Electives (p.)	6
	Total Hours	33

Foundation Course Requirements

Code	Title	Hours
CM 526	Introduction : Graduate Studies in Communication	3
CM 533	Theory & Process Of Comm	3

CM 534	Intro Grad Res Com	3
CM 554	Intercultural Communication	3
	Total Hours	12

Required Courses

Code	Title	Hours
CM 562	Health Communicaton	3
CM 563	Health Communication Campaigns	3
CM 565	health and Mass Media	3
CM 634	Adv Comm Res Meth	3
CM 698	Research Project	3
	Total Hours	15

Electives

Code	Title	Hours
	Any graduate level courses	6
	Total Hours	6

List of Elective Courses for all Concentrations (All Courses May Not be Offered on a Regular Basis)

Communication

CM 501 Master's Seminar in Mass Media Projects (1-3 Credits)

A preparatory course for researching, planning, and proposing the master's project. The examination and discussion of various media forms and to help students select a topic and design and produce the master's project. Three hours of lecture per week. Pre-requisite: none

College/School: School of Communication

Department: School of Communication

CM 525 African-American Issues in Communications (3 Credits)

Study of historical and contemporary issues, relating to communicational aspects of African American culture and communication. The continuities between African and African-American culture and communications are examined. Three hours of lecture per week. Pre-requisite: none

College/School: School of Communication

Department: School of Communication

CM 526 Introduction : Graduate Studies in Communication (3 Credits)

College/School: School of Communication

Department: School of Communication

CM 527 Mass Communication Effects (3 Credits)

The significance and impact of mass communication in contemporary society; critical review of the models and paradigms of media influence and influence processes. Three hours of lecture per week. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 530 Media Law & Ethics (3 Credits)

Surveys of laws and regulations that affect the print and broadcast media. Included material on the First Amendment, libel, invasion of privacy, freedom of information, copyright, obscenity, advertising and broadcast regulation and media coverage of judicial system. Prerequisite: none.

College/School: School of Communication

Department: School of Communication

CM 533 Theory & Process Of Comm (3 Credits)

THEORY AND PROCESS OF COMMUNICATION (3) Concepts in communication theory; examination of theories and principles relating to the communication process. Required for the Master of Arts Degree in Communication.

College/School: School of Communication

Department: School of Communication

CM 534 Intro Grad Res Com (3 Credits)

INTRODUCTION TO GRADUATE RESEARCH IN COMMUNICATION (3) Introduction to historical, experimental, descriptive and creative methodologies in communication; design and implementation of research topics. Required for the Master of Arts degree in Communication.

College/School: School of Communication

Department: School of Communication

CM 535 Media Entrepreneurship (3 Credits)

Fund-raising, promotional and business planning for media projects, including the use of websites and social media. Three hours of lecture per week. Pre-requisite: CM 501, JOur 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: School of Communication

CM 549 Interpersonal Communication (3 Credits)

Model, theories, and variables related to communication in relatively unstructured face-to-face communication. Course meets 3 credit hours per week.

College/School: School of Communication

Department: School of Communication

CM 550 Qualitative Methods in Comm (3 Credits)

An introduction to qualitative research methods in communication studies. Provides students with an overview of several techniques for, and issues in gathering, analyzing, writing-up, and using qualitative data. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 551 Social Media Culture and Communication (3 Credits)

The history, practices, tools, legal and ethical issues related social media. Emphasis on students' exploration of theories-public relations, communication and business-to help better understand and develop social media. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 552 Organizational Communication Theories (3 Credits)

Introduction to organizational communication. Specific objectives include development of historical progress, examination of major research issues such as information flow, network analysis, communication overload, exploration of theoretical foundations in organizational decision making, dimensions and levels of communication behavior in complex organizations. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 554 Intercultural Communication (3 Credits)

Considers rules, meaning, uncertainty reduction, development communication, and comparative approaches to intercultural communication. Examines methodological issues. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 555 Family Communication (3 Credits)

This course is designed to acquaint students with some of the more common theoretical and methodological issues that face those who conduct research on family communication. The developmental life course of traditional U.S. families, the various types of families that comprise today's society. Specific topics include social support, communication and attraction, marriage, divorce, sibling relationships, step-families, the effect of spouses' occupations on the family, the influence of culture on family interaction, and communication in abusive families. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 558 Independent Study (3 Credits)

College/School: School of Communication

Department: School of Communication

CM 559 Special Topics in Communication (3 Credits)

This is a course designed to address selected topics in communication. Topics and research preferences will vary. No more than six credit hours may be elected in special topics courses. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 560 Gender and Communication (3 Credits)

Students will be introduced to the complex ways in which communication and gender intersect. Attention will be given to the socially endorsed views of masculinity and femininity as taught to individuals through a variety of cultural means. Some sections of this course may be offered for majors only. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 561 Internet and Society (3 Credits)

Places new communication technology into historical, cultural, and theoretical perspective. Study of the "people" side of electronic communication in general and the Internet in particular. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 562 Health Communication (3 Credits)

Focus on the social, economic, and political factors influencing beliefs and attitudes related to health and illness. Examines the primary relationships in healthcare settings and the role of mass media in health. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 563 Health Communication Campaigns (3 Credits)

This course exposes student to principles of health communication and campaigns. The emphasis will be on both seminal and recent research trends. As part of the exploration of contextual topics, types of health campaigns will be examined, and students will have an opportunity to design a campaign. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 564 E-Health Communication (3 Credits)

This course examines the ways in which new media technology is used to discuss and improve one's health. Students will learn the dominant theories and models used to explain how and why users access health information online, how new media is used to facilitate communication among patients and doctors, the value of virtual support networks, and the way in which new media platforms contribute to increased health literacy. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 565 health and Mass Media (3 Credits)

This course examines the prevalence and nature of mass media messages concerning health, including ways in which health issues are portrayed through entertainment, new media, and advertising. Students will learn about the frequency and nature of health messages in different media formats and the effects these messages have on viewers. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 567 Strategic Communication Management (3 Credits)

Introduces public relations and other public communication theories that aid in managing communication and responding to and counseling organizational management and marketing challenges. Explores the relationship between public relations, advertising, marketing communications and management of organizations 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 568 Organizational Training & Development (3 Credits)

Covers methods and practice in communication training and development for organizations including pre-assessment, writing objectives, training techniques, post-training evaluation, feedback, and implementation. The emphasis is on communication processes and outcomes for the trainer and trainee plus communication skill development within training modules. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 569 Communication and Organizational Crisis (3 Credits)

This course provides students insights regarding key concepts, theoretical perspectives, essential skills and abilities, and critical thinking and problem solving skills necessary for effective crisis management, relationship management, crisis planning and preparation, case studies, and developing crisis communication management plans. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 570 Communication in the Global Workplace (3 Credits)

This introductory course explores communication issues that arise in the global workplace: The course develops an appreciation of the relationship among culture, communication, and ways of organizing and doing business. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 574 Communication Leadership in Multi-Context (3 Credits)

This course distinguishes leadership as an influential message-centered process. Based on this perspective, the course examines the variables of message exchange (communicator role, message content and meaning, media, context, and culture) as they impact organizational goal achievement. Eight major communication approaches are used to explain leadership. Special attention is given to understanding communication theory and extending social science research. This course examines communication leadership within a context of diversity that includes culture, gender, race, ethnic, as well as additional diversity indices. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 576 Race Gender Class and the Media (3 Credits)

This seminar will involve a survey of relevant literature concerning the interplay between race and mass media. During the course of the semester students will gain an understanding of the relationship between persons of color and the mass media. The course will focus on the mass media's representation of these groups, including whether and/or how their representation, and the current state of their representation. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 577 Race and News (3 Credits)

Survey of relevant literature concerning the interplay between race and mass media, with special emphasis placed on news. During the course of the semester students will gain an understanding of the relationship between persons of color and the news and public affairs arena of mass media. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 634 Adv Comm Res Meth (3 Credits)

ADVANCED COMMUNICATION RESEARCH METHODS (3) Methodology of sampling, design and analysis utilized in field studies; operation of communication variables; basic principles of measuring attitudes and information levels. (Prerequisites: CM 534 and consent of instructor)

College/School: School of Communication

Department: School of Communication

CM 664 Graduate Practicum (3 Credits)

Student is placed in a position in a media industry. Requirements: completion of all course work, passing of a comprehensive examination, approval of the Graduate Program Advisor and the Graduate Practicum Director, availability of an approved site. Offered as needed. Prerequisites: CM 634 and consent of instructor. Three hours of lecture per week.

Prerequisite(s): (CM 634)

College/School: School of Communication

Department: School of Communication

CM 665 Graduate Practicum (3 Credits)

Continuation of CM 664. Completion of all course work, passing of a comprehensive examination, approval of the Graduate Program Advisor and the Graduate Practicum Director, availability of an approved site. Offered as needed. Prerequisites: CM 634, CM 664 and consent of instructor. Three hours of lecture per week.

Prerequisite(s): (CM 634 and CM 664)

College/School: School of Communication

Department: School of Communication

CM 669 Master's Project Production (4 Credits)

Each student will be responsible for designing, developing and producing a master's project using selected media forms under the supervision of the project advisor. Student are encouraged to plan their projects during the course of study and lecture per week with studio hours to be arranged.

Prerequisite: approval of the academic advisor.

College/School: School of Communication

Department: School of Communication

CM 698 Research Project (1-3 Credits)

Directed individual study on specific Communication thesis topic. This is a variable credit hours course with a minimum of 1 SCH and a maximum of 3 SCH. May be repeated for credit. Prerequisite: CM 634 and consent of instructor.

Prerequisite(s): CM 634

College/School: School of Communication

Department: School of Communication

CM 699 Master's Project Production (1-4 Credits)

Each student will be responsible for designing, developing and producing a master's project using selected media forms under the supervision of the project advisor. Students are encouraged to plan their projects during the course of their study and produce the project during the last semester before the completion of their degree. Prerequisite: approval of the academic advisor.

College/School: School of Communication

Department: School of Communication

Note that Research Project and Master's Project courses receive grades of Satisfactory or Unsatisfactory only. Grades are assigned after the defense of the thesis or project. A successful defense and submission of the thesis or project requires that the supervising member of the faculty assign a grade of Satisfactory for the appropriate Research Project and Master's Project course.

Journalism**JOUR 542 Broadcast Journalism (4 Credits)**

Intensive training in creation of broadcast packages including long-form stories. Four hours of lecture per week with studio hours to be arranged. Prerequisite: CM 501, Jour 505, CM 510.

Prerequisite(s): (JOUR 505 and CM 501 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

JOUR 544 Effective Website Design (4 Credits)

Techniques for creating and promoting multimedia websites. Four hours of lecture per week with studio hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

JOUR 571 Literature of Journalism (3 Credits)

Readings in literary journalism with practical instruction in the creation of long-form narratives. Three hours of lecture per week. Prerequisite: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

Radio/TV/Film**RTF 510 Visual Storytelling (3 Credits)**

A developmental course in basic skills in media aesthetics, videography and editing using a variety of multimedia production tools. Four hours of lecture per week with studio hours to be arranged. Prerequisite: none

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 515 Writing for Film & Electronic Media (3 Credits)

Covers the process of writing for visual media. Includes proposals, treatments, scripts, budgeting and scheduling. Three lecture hours per week. Prerequisites: CM 501, JOUR 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 520 Advanced Media Production (4 Credits)

Advanced production techniques in videography, editing and multimedia production. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510 and RTF 515)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 540 Instructional Media Techniques (4 Credits)

The use of digital technology to create instructional material for the classroom. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 546 Digital Animation (4 Credits)

Introduction to computer-generated animation using current digital animation software. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and CM 510 and JOUR 505)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 560 Digital Film Production (4 Credits)

A hands-on, introductory course to digital filmmaking using new digital video equipment. Includes scriptwriting, producing, directing and editing a number of shorts, using digital video cameras and editing applications such as Avid and Final Cut Production. Students are responsible for material used in the course. The School will provide equipment only. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 560 and RTF 515 and CM 520)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 562 Television Production (4 Credits)

Introduction to production of programs for television and broadcast news using multi-camera studio production techniques. Four hours of lecture per week with studio and field hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 564 Documentary Production (4 Credits)

The course will cover proposal writing, research, shooting, editing and packaging of short documentaries. This is a hand-on-course that requires many outside class involvement. Four hours of lecture per week with studio and field hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510/

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

Sociology**SOC 554 Advanced Sociological Statist (3 Credits)**

ADVANCED SOCIOLOGICAL STATISTICS (3) Advanced statistical methods with emphasis on multiple regression techniques.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

Communications (Media Studies/ Research and Theory Concentration-Academic), Master of Arts

The **Media Studies/Research and Theory** concentration is geared toward students with interest in the scholarly study of mass media – including news, entertainment, infotainment, social media and other mass media. This concentration provides students with theoretical and research foundations, and is particularly suited for students interested in pursuing the doctoral degree, a career in higher education, or a career in consulting. Students will gain an advanced understanding of the role and impact of media through their study of areas such as Media Effects; Media Law and Ethics; Gender, Race, Class and the Media; Culture, Media and Technology; and Social Media.

Admission Requirements

Applicants must meet **all** of the following requirements:

Unconditional Admission

1. Graduate with a four-year baccalaureate degree from an accredited college or university (degrees from institutions outside the U.S. are evaluated for equivalency to U.S. degrees).
2. Possess a grade point average of at least 3.0 in undergraduate studies.
3. Complete satisfactory preparation in the specific discipline or field of study.
4. Attain a score of at least 213 on the TOEFL, if an international student.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 2.8 undergraduate grade point average or the undergraduate grade point average within the last thirty-hours (30) of course work must be at least 3.2. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in each course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time will result in the student being dropped from the program. Conditional admits are not eligible for financial aid.

Post- Baccalaureate and Non-Degree Seeking Applicant Policy

1. Applicants are not eligible for financial aid.
2. If admitted as a post- baccalaureate student, the student is required to earn a minimum of 3.5 in those hours they take while in the graduate program in order to be admitted into the program.
3. If admitted with non-degree-seeking status, a student is allowed to take up to six (6) hours only.

Summary

Code	Title	Hours
	Foundation Course Requirements (p. 467)	12
	Required Courses (p. 467)	15
	Electives (p. 467)	6
Total Hours		33

Foundation Course Requirements

Code	Title	Hours
CM 526	Introduction : Graduate Studies in Communication	3
CM 533	Theory & Process Of Comm	3
CM 534	Intro Grad Res Com	3
CM 554	Intercultural Communication	3
Total Hours		12

Required Courses

Code	Title	Hours
CM 527	Mass Communication Effects	3
CM 530	Media Law & Ethics	3
CM 576	Race Gender Class and the Media	3
or CM 577	Race and News	
CM 634	Adv Comm Res Meth	3
CM 698	Research Project	3
Total Hours		15

Electives

Code	Title	Hours
	Any graduate level courses	6
Total Hours		6

List of Elective Courses for all Concentrations (All Courses May Not be Offered on a Regular Basis)**Communication****CM 501 Master's Seminar in Mass Media Projects (1-3 Credits)**

A preparatory course for researching, planning, and proposing the master's project. The examination and discussion of various media forms and to help students select a topic and design and produce the master's project. Three hours of lecture per week. Pre-requisite: none

College/School: School of Communication

Department: School of Communication

CM 525 African-American Issues in Communications (3 Credits)

Study of historical and contemporary issues, relating to communicational aspects of African American culture and communication. The continuities between African and African-American culture and communications are examined. Three hours of lecture per week. Pre-requisite: none

College/School: School of Communication

Department: School of Communication

CM 526 Introduction : Graduate Studies in Communication (3 Credits)

College/School: School of Communication

Department: School of Communication

CM 527 Mass Communication Effects (3 Credits)

The significance and impact of mass communication in contemporary society; critical review of the models and paradigms of media influence and influence processes. Three hours of lecture per week. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 530 Media Law & Ethics (3 Credits)

Surveys of laws and regulations that affect the print and broadcast media. Included material on the First Amendment, libel, invasion of privacy, freedom of information, copyright, obscenity, advertising and broadcast regulation and media coverage of judicial system. Prerequisite: none.

College/School: School of Communication

Department: School of Communication

CM 533 Theory & Process Of Comm (3 Credits)

THEORY AND PROCESS OF COMMUNICATION (3) Concepts in communication theory; examination of theories and principles relating to the communication process. Required for the Master of Arts Degree in Communication.

College/School: School of Communication

Department: School of Communication

CM 534 Intro Grad Res Com (3 Credits)

INTRODUCTION TO GRADUATE RESEARCH IN COMMUNICATION (3) Introduction to historical, experimental, descriptive and creative methodologies in communication; design and implementation of research topics. Required for the Master of Arts degree in Communication.

College/School: School of Communication

Department: School of Communication

CM 535 Media Entrepreneurship (3 Credits)

Fund-raising, promotional and business planning for media projects, including the use of websites and social media. Three hours of lecture per week. Pre-requisite: CM 501, JOur 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: School of Communication

CM 549 Interpersonal Communication (3 Credits)

Model, theories, and variables related to communication in relatively unstructured face-to-face communication. Course meets 3 credit hours per week.

College/School: School of Communication

Department: School of Communication

CM 550 Qualitative Methods in Comm (3 Credits)

An introduction to qualitative research methods in communication studies. Provides students with an overview of several techniques for, and issues in gathering, analyzing, writing-up, and using qualitative data. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 551 Social Media Culture and Communication (3 Credits)

The history, practices, tools, legal and ethical issues related social media. Emphasis on students' exploration of theories-public relations, communication and business-to help better understand and develop social media. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 552 Organizational Communication Theories (3 Credits)

Introduction to organizational communication. Specific objectives include development of historical progress, examination of major research issues such as information flow, network analysis, communication overload, exploration of theoretical foundations in organizational decision making, dimensions and levels of communication behavior in complex organizations. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 554 Intercultural Communication (3 Credits)

Considers rules, meaning, uncertainty reduction, development communication, and comparative approaches to intercultural communication. Examines methodological issues. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 555 Family Communication (3 Credits)

This course is designed to acquaint students with some of the more common theoretical and methodological issues that face those who conduct research on family communication. The developmental life course of traditional U.S. families, the various types of families that comprise today's society. Specific topics include social support, communication and attraction, marriage, divorce, sibling relationships, step-families, the effect of spouses' occupations on the family, the influence of culture on family interaction, and communication in abusive families. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 558 Independent Study (3 Credits)

College/School: School of Communication

Department: School of Communication

CM 559 Special Topics in Communication (3 Credits)

This is a course designed to address selected topics in communication. Topics and research preferences will vary. No more than six credit hours may be elected in special topics courses. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 560 Gender and Communication (3 Credits)

Students will be introduced to the complex ways in which communication and gender intersect. Attention will be given to the socially endorsed views of masculinity and femininity as taught to individuals through a variety of cultural means. Some sections of this course may be offered for majors only. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 561 Internet and Society (3 Credits)

Places new communication technology into historical, cultural, and theoretical perspective. Study of the "people" side of electronic communication in general and the Internet in particular. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 562 Health Communicaton (3 Credits)

Focus on the social, economic, and political factors influencing beliefs and attitudes related to health and illness. Examines the primary relationships in healthcare settings and the role of mass media in health. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 563 Health Communication Campaigns (3 Credits)

This course exposes student to principles of health communication and campaigns. The emphasis will be on both seminal and recent research trends. As part of the exploration of contextual topics, types of health campaigns will be examined, and students will have an opportunity to design a campaign. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 564 E-Health Communication (3 Credits)

This course examines the ways in which new media technology is used to discuss and improve one's health. Students will learn the dominant theories and models used to explain how and why users access health information online, how new media is used to facilitate communication among patients and doctors, the value or virtual support networks, and the way in which new media platforms contribute to increased health literacy. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 565 health and Mass Media (3 Credits)

This course examines the prevalence and nature of mass media messages concerning health, including ways in which health issues are portrayed through entertainment, new media, and advertising. Students will learn about the frequency and nature of health messages in different media formats and the effects these messages have on viewers. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 567 Strategic Communication Management (3 Credits)

Introduces public relations and other public communication theories that aid in managing communication and responding to and counseling organizational management and marketing challenges. Explores the relationship between public relations, advertising, marketing communications and management of organizations 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 568 Organizational Training & Development (3 Credits)

Covers methods and practice in communication training and development for organizations including pre-assessment, writing objectives, training techniques, post-training evaluation, feedback, and implementation. The emphasis is on communication processes and outcomes for the trainer and trainee plus communication skill development within training modules. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 569 Communication and Organizational Crisis (3 Credits)

This course provides students insights regarding key concepts, theoretical perspectives, essential skills and abilities, and critical thinking and problem solving skills necessary for effective crisis management, relationship management, crisis planning and preparation, case studies, and developing crisis communication management plans. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 570 Communication in the Global Workplace (3 Credits)

This introductory course explores communication issues that arise in the global workplace: The course develops an appreciation of the relationship among culture, communication, and ways of organizing and doing business. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 574 Communication Leadership in Multi-Context (3 Credits)

This course distinguishes leadership as an influential message-centered process. Based on this perspective, the course examines the variables of message exchange (communicator role, message content and meaning, media, context, and culture) as they impact organizational goal achievement. Eight major communication approaches are used to explain leadership. Special attention is given to understanding communication theory and extending social science research. This course examines communication leadership within a context of diversity that includes culture, gender, race, ethnic, as well as additional diversity indices. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 576 Race Gender Class and the Media (3 Credits)

This seminar will involve a survey of relevant literature concerning the interplay between race and mass media. During the course of the semester students will gain an understanding of the relationship between persons of color and the mass media. The course will focus on the mass media's representation of these groups, including whether and/or how their representation, and the current state of their representation. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 577 Race and News (3 Credits)

Survey of relevant literature concerning the interplay between race and mass media, with special emphasis placed on news. During the course of the semester students will gain an understanding of the relationship between persons of color and the news and public affairs arena of mass media. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 634 Adv Comm Res Meth (3 Credits)

ADVANCED COMMUNICATION RESEARCH METHODS (3) Methodology of sampling, design and analysis utilized in field studies; operation of communication variables; basic principles of measuring attitudes and information levels. (Prerequisites: CM 534 and consent of instructor)

College/School: School of Communication

Department: School of Communication

CM 664 Graduate Practicum (3 Credits)

Student is placed in a position in a media industry. Requirements: completion of all course work, passing of a comprehensive examination, approval of the Graduate Program Advisor and the Graduate Practicum Director, availability of an approved site. Offered as needed. Prerequisites: CM 634 and consent of instructor. Three hours of lecture per week.

Prerequisite(s): (CM 634)

College/School: School of Communication

Department: School of Communication

CM 665 Graduate Practicum (3 Credits)

Continuation of CM 664. Completion of all course work, passing of a comprehensive examination, approval of the Graduate Program Advisor and the Graduate Practicum Director, availability of an approved site.

Offered as needed. Prerequisites: CM 634, CM 664 and consent of instructor. Three hours of lecture per week.

Prerequisite(s): (CM 634 and CM 664)

College/School: School of Communication

Department: School of Communication

CM 669 Master's Project Production (4 Credits)

Each student will be responsible for designing, developing and producing a master's project using selected media forms under the supervision of the project advisor. Student are encouraged to plan their projects during the course of study and lecture per week with studio hours to be arranged.

Prerequisite: approval of the academic advisor.

College/School: School of Communication

Department: School of Communication

CM 698 Research Project (1-3 Credits)

Directed individual study on specific Communication thesis topic. This is a variable credit hours course with a minimum of 1 SCH and a maximum of 3 SCH. May be repeated for credit. Prerequisite: CM 634 and consent of instructor.

Prerequisite(s): CM 634

College/School: School of Communication

Department: School of Communication

CM 699 Master's Project Production (1-4 Credits)

Each student will be responsible for designing, developing and producing a master's project using selected media forms under the supervision of the project advisor. Students are encouraged to plan their projects during the course of their study and produce the project during the last semester before the completion of their degree. Prerequisite: approval of the academic advisor.

College/School: School of Communication

Department: School of Communication

Note that Research Project and Master's Project courses receive grades of Satisfactory or Unsatisfactory only. Grades are assigned after the defense of the thesis or project. A successful defense and submission of the thesis or project requires that the supervising member of the faculty assign a grade of Satisfactory for the appropriate Research Project and Master's Project course.

Journalism**JOUR 542 Broadcast Journalism (4 Credits)**

Intensive training in creation of broadcast packages including long-form stories. Four hours of lecture per week with studio hours to be arranged. Prerequisite: CM 501, Jour, 505, CM 510.

Prerequisite(s): (JOUR 505 and CM 501 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

JOUR 544 Effective Website Design (4 Credits)

Techniques for creating and promoting multimedia websites. Four hours of lecture per week with studio hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

JOUR 571 Literature of Journalism (3 Credits)

Readings in literary journalism with practical instruction in the creation of long-form narratives. Three hours of lecture per week. Prerequisite: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

Radio/TV/Film**RTF 510 Visual Storytelling (3 Credits)**

A developmental course in basic skills in media aesthetics, videography and editing using a variety of multimedia production tools. Four hours of lecture per week with studio hours to be arranged. Prerequisite: none

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 515 Writing for Film & Electronic Media (3 Credits)

Covers the process of writing for visual media. Includes proposals, treatments, scripts, budgeting and scheduling. Three lecture hours per week. Prerequisites: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 520 Advanced Media Production (4 Credits)

Advanced production techniques in videography, editing and multimedia production. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510 and RTF 515)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 540 Instructional Media Techniques (4 Credits)

The use of digital technology to create instructional material for the classroom. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 546 Digital Animation (4 Credits)

Introduction to computer-generated animation using current digital animation software. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and CM 510 and JOUR 505)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 560 Digital Film Production (4 Credits)

A hands-on, introductory course to digital filmmaking using new digital video equipment. Includes scriptwriting, producing, directing and editing a number of shorts, using digital video cameras and editing applications such as Avid and Final Cut Production. Students are responsible for material used in the course. The School will provide equipment only. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 560 and RTF 515 and CM 520)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 562 Television Production (4 Credits)

Introduction to production of programs for television and broadcast news using multi-camera studio production techniques. Four hours of lecture per week with studio and field hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 564 Documentary Production (4 Credits)

The course will cover proposal writing, research, shooting, editing and packaging of short documentaries. This is a hands-on-course that requires many outside class involvement. Four hours of lecture per week with studio and field hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510/

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

Sociology**SOC 554 Advanced Sociological Statist (3 Credits)**

ADVANCED SOCIOLOGICAL STATISTICS (3) Advanced statistical methods with emphasis on multiple regression techniques.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

Communications (Organizational Communication Concentration-Academic), Master of Arts

The **Organizational Communication** concentration advances the scholarly skills of students in the theoretical frameworks for the study of organizational contexts, communication within the organization, communication structures of the organization, and crisis management. This concentration incorporates theoretical foundations and research methodology used to study organizational processes, current problems in organizational contexts (such as corporate and nonprofit systems, employee and management information flow, and organizational culture).

Admission Requirements

Applicants must meet **all** of the following requirements:

Unconditional Admission

1. Graduate with a four-year baccalaureate degree from an accredited college or university (degrees from institutions outside the U.S. are evaluated for equivalency to U.S. degrees).
2. Possess a grade point average of at least 3.0 in undergraduate studies.
3. Complete satisfactory preparation in the specific discipline or field of study.

4. Attain a score of at least 213 on the TOEFL, if an international student.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 2.8 undergraduate grade point average or the undergraduate grade point average within the last thirty-hours (30) of course work must be at least 3.2. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in each course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time will result in the student being dropped from the program. Conditional admits are not eligible for financial aid.

Post- Baccalaureate and Non-Degree Seeking Applicant Policy

1. Applicants are not eligible for financial aid.
2. If admitted as a post- baccalaureate student, the student is required to earn a minimum of 3.5 in those hours they take while in the graduate program in order to be admitted into the program.
3. If admitted with non-degree-seeking status, a student is allowed to take up to six (6) hours only.

Summary

Code	Title	Hours
	Foundation Course Requirements (p. 471)	12
	Required Courses (p. 471)	15
	Electives (p.)	6
Total Hours		33

Foundation Course Requirements

Code	Title	Hours
CM 526	Introduction : Graduate Studies in Communication	3
CM 533	Theory & Process Of Comm	3
CM 534	Intro Grad Res Com	3
CM 554	Intercultural Communication	3
Total Hours		12

Required Courses

Code	Title	Hours
CM 552	Organizational Communication Theories	3
CM 569	Communication and Organizational Crisis	3
CM 560	Gender and Communication	3
CM 634	Adv Comm Res Meth	3
CM 698	Research Project	3
Total Hours		15

Electives

Code	Title	Hours
	Any graduate level courses	6
Total Hours		6

List of Elective Courses for all Concentrations (All Courses May Not be Offered on a Regular Basis)

Communication

CM 501 Master's Seminar in Mass Media Projects (1-3 Credits)

A preparatory course for researching, planning, and proposing the master's project. The examination and discussion of various media forms and to help students select a topic and design and produce the master's project. Three hours of lecture per week. Pre-requisite: none

College/School: School of Communication

Department: School of Communication

CM 525 African-American Issues in Communications (3 Credits)

Study of historical and contemporary issues, relating to communicational aspects of African American culture and communication. The continuities between African and African-American culture and communications are examined. Three hours of lecture per week. Pre-requisite: none

College/School: School of Communication

Department: School of Communication

CM 526 Introduction : Graduate Studies in Communication (3 Credits)

College/School: School of Communication

Department: School of Communication

CM 527 Mass Communication Effects (3 Credits)

The significance and impact of mass communication in contemporary society; critical review of the models and paradigms of media influence and influence processes. Three hours of lecture per week. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 530 Media Law & Ethics (3 Credits)

Surveys of laws and regulations that affect the print and broadcast media. Included material on the First Amendment, libel, invasion of privacy, freedom of information, copyright, obscenity, advertising and broadcast regulation and media coverage of judicial system. Prerequisite: none.

College/School: School of Communication

Department: School of Communication

CM 533 Theory & Process Of Comm (3 Credits)

THEORY AND PROCESS OF COMMUNICATION (3) Concepts in communication theory; examination of theories and principles relating to the communication process. Required for the Master of Arts Degree in Communication.

College/School: School of Communication

Department: School of Communication

CM 534 Intro Grad Res Com (3 Credits)

INTRODUCTION TO GRADUATE RESEARCH IN COMMUNICATION (3) Introduction to historical, experimental, descriptive and creative methodologies in communication; design and implementation of research topics. Required for the Master of Arts degree in Communication.

College/School: School of Communication

Department: School of Communication

CM 535 Media Entrepreneurship (3 Credits)

Fund-raising, promotional and business planning for media projects, including the use of websites and social media. Three hours of lecture per week. Pre-requisite: CM 501, JOur 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: School of Communication

CM 549 Interpersonal Communication (3 Credits)

Model, theories, and variables related to communication in relatively unstructured face-to-face communication. Course meets 3 credit hours per week.

College/School: School of Communication

Department: School of Communication

CM 550 Qualitative Methods in Comm (3 Credits)

An introduction to qualitative research methods in communication studies. Provides students with an overview of several techniques for, and issues in gathering, analyzing, writing-up, and using qualitative data. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 551 Social Media Culture and Communication (3 Credits)

The history, practices, tools, legal and ethical issues related social media. Emphasis on students' exploration of theories-public relations, communication and business-to help better understand and develop social media. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 552 Organizational Communication Theories (3 Credits)

Introduction to organizational communication. Specific objectives include development of historical progress, examination of major research issues such as information flow, network analysis, communication overload, exploration of theoretical foundations in organizational decision making, dimensions and levels of communication behavior in complex organizations. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 554 Intercultural Communication (3 Credits)

Considers rules, meaning, uncertainty reduction, development communication, and comparative approaches to intercultural communication. Examines methodological issues. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 555 Family Communication (3 Credits)

This course is designed to acquaint students with some of the more common theoretical and methodological issues that face those who conduct research on family communication. The developmental life course of traditional U.S. families, the various types of families that comprise today's society. Specific topics include social support, communication and attraction, marriage, divorce, sibling relationships, step-families, the effect of spouses' occupations on the family, the influence of culture on family interaction, and communication in abusive families. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 558 Independent Study (3 Credits)

College/School: School of Communication

Department: School of Communication

CM 559 Special Topics in Communication (3 Credits)

This is a course designed to address selected topics in communication. Topics and research preferences will vary. No more than six credit hours may be elected in special topics courses. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 560 Gender and Communication (3 Credits)

Students will be introduced to the complex ways in which communication and gender intersect. Attention will be given to the socially endorsed views of masculinity and femininity as taught to individuals through a variety of cultural means. Some sections of this course may be offered for majors only. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 561 Internet and Society (3 Credits)

Places new communication technology into historical, cultural, and theoretical perspective. Study of the "people" side of electronic communication in general and the Internet in particular. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 562 Health Communication (3 Credits)

Focus on the social, economic, and political factors influencing beliefs and attitudes related to health and illness. Examines the primary relationships in healthcare settings and the role of mass media in health. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 563 Health Communication Campaigns (3 Credits)

This course exposes student to principles of health communication and campaigns. The emphasis will be on both seminal and recent research trends. As part of the exploration of contextual topics, types of health campaigns will be examined, and students will have an opportunity to design a campaign. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 564 E-Health Communication (3 Credits)

This course examines the ways in which new media technology is used to discuss and improve one's health. Students will learn the dominant theories and models used to explain how and why users access health information online, how new media is used to facilitate communication among patients and doctors, the value of virtual support networks, and the way in which new media platforms contribute to increased health literacy. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 565 health and Mass Media (3 Credits)

This course examines the prevalence and nature of mass media messages concerning health, including ways in which health issues are portrayed through entertainment, new media, and advertising. Students will learn about the frequency and nature of health messages in different media formats and the effects these messages have on viewers. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 567 Strategic Communication Management (3 Credits)

Introduces public relations and other public communication theories that aid in managing communication and responding to and counseling organizational management and marketing challenges. Explores the relationship between public relations, advertising, marketing communications and management of organizations 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 568 Organizational Training & Development (3 Credits)

Covers methods and practice in communication training and development for organizations including pre-assessment, writing objectives, training techniques, post-training evaluation, feedback, and implementation. The emphasis is on communication processes and outcomes for the trainer and trainee plus communication skill development within training modules. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 569 Communication and Organizational Crisis (3 Credits)

This course provides students insights regarding key concepts, theoretical perspectives, essential skills and abilities, and critical thinking and problem solving skills necessary for effective crisis management, relationship management, crisis planning and preparation, case studies, and developing crisis communication management plans. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 570 Communication in the Global Workplace (3 Credits)

This introductory course explores communication issues that arise in the global workplace: The course develops an appreciation of the relationship among culture, communication, and ways of organizing and doing business. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 574 Communication Leadership in Multi-Context (3 Credits)

This course distinguishes leadership as an influential message-centered process. Based on this perspective, the course examines the variables of message exchange (communicator role, message content and meaning, media, context, and culture) as they impact organizational goal achievement. Eight major communication approaches are used to explain leadership. Special attention is given to understanding communication theory and extending social science research. This course examines communication leadership within a context of diversity that includes culture, gender, race, ethnic, as well as additional diversity indices. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 576 Race Gender Class and the Media (3 Credits)

This seminar will involve a survey of relevant literature concerning the interplay between race and mass media. During the course of the semester students will gain an understanding of the relationship between persons of color and the mass media. The course will focus on the mass media's representation of these groups, including whether and/or how their representation, and the current state of their representation. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 577 Race and News (3 Credits)

Survey of relevant literature concerning the interplay between race and mass media, with special emphasis placed on news. During the course of the semester students will gain an understanding of the relationship between persons of color and the news and public affairs arena of mass media. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 634 Adv Comm Res Meth (3 Credits)

ADVANCED COMMUNICATION RESEARCH METHODS (3) Methodology of sampling, design and analysis utilized in field studies; operation of communication variables; basic principles of measuring attitudes and information levels. (Prerequisites: CM 534 and consent of instructor)

College/School: School of Communication

Department: School of Communication

CM 664 Graduate Practicum (3 Credits)

Student is placed in a position in a media industry. Requirements: completion of all course work, passing of a comprehensive examination, approval of the Graduate Program Advisor and the Graduate Practicum Director, availability of an approved site. Offered as needed. Prerequisites: CM 634 and consent of instructor. Three hours of lecture per week.

Prerequisite(s): (CM 634)

College/School: School of Communication

Department: School of Communication

CM 665 Graduate Practicum (3 Credits)

Continuation of CM 664. Completion of all course work, passing of a comprehensive examination, approval of the Graduate Program Advisor and the Graduate Practicum Director, availability of an approved site. Offered as needed. Prerequisites: CM 634, CM 664 and consent of instructor. Three hours of lecture per week.

Prerequisite(s): (CM 634 and CM 664)

College/School: School of Communication

Department: School of Communication

CM 669 Master's Project Production (4 Credits)

Each student will be responsible for designing, developing and producing a master's project using selected media forms under the supervision of the project advisor. Student are encouraged to plan their projects during the course of study and lecture per week with studio hours to be arranged. Prerequisite: approval of the academic advisor.

College/School: School of Communication

Department: School of Communication

CM 698 Research Project (1-3 Credits)

Directed individual study on specific Communication thesis topic. This is a variable credit hours course with a minimum of 1 SCH and a maximum of 3 SCH. May be repeated for credit. Prerequisite: CM 634 and consent of instructor.

Prerequisite(s): CM 634

College/School: School of Communication

Department: School of Communication

CM 699 Master's Project Production (1-4 Credits)

Each student will be responsible for designing, developing and producing a master's project using selected media forms under the supervision of the project advisor. Students are encouraged to plan their projects during the course of their study and produce the project during the last semester before the completion of their degree. Prerequisite: approval of the academic advisor.

College/School: School of Communication

Department: School of Communication

Note that Research Project and Master's Project courses receive grades of Satisfactory or Unsatisfactory only. Grades are assigned after the defense of the thesis or project. A successful defense and submission of the thesis or project requires that the supervising member of the faculty assign a grade of Satisfactory for the appropriate Research Project and Master's Project course.

Journalism**JOUR 542 Broadcast Journalism (4 Credits)**

Intensive training in creation of broadcast packages including long-form stories. Four hours of lecture per week with studio hours to be arranged. Prerequisite: CM 501, Jour, 505, CM 510.

Prerequisite(s): (JOUR 505 and CM 501 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

JOUR 544 Effective Website Design (4 Credits)

Techniques for creating and promoting multimedia websites. Four hours of lecture per week with studio hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

JOUR 571 Literature of Journalism (3 Credits)

Readings in literary journalism with practical instruction in the creation of long-form narratives. Three hours of lecture per week. Prerequisite: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

Radio/TV/Film**RTF 510 Visual Storytelling (3 Credits)**

A developmental course in basic skills in media aesthetics, videography and editing using a variety of multimedia production tools. Four hours of lecture per week with studio hours to be arranged. Prerequisite: none

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 515 Writing for Film & Electronic Media (3 Credits)

Covers the process of writing for visual media. Includes proposals, treatments, scripts, budgeting and scheduling. Three lecture hours per week. Prerequisites: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 520 Advanced Media Production (4 Credits)

Advanced production techniques in videography, editing and multimedia production. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510 and RTF 515)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 540 Instructional Media Techniques (4 Credits)

The use of digital technology to create instructional material for the classroom. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 546 Digital Animation (4 Credits)

Introduction to computer-generated animation using current digital animation software. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and CM 510 and JOUR 505)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 560 Digital Film Production (4 Credits)

A hands-on, introductory course to digital filmmaking using new digital video equipment. Includes scriptwriting, producing, directing and editing a number of shorts, using digital video cameras and editing applications such as Avid and Final Cut Production. Students are responsible for material used in the course. The School will provide equipment only. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 560 and RTF 515 and CM 520)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 562 Television Production (4 Credits)

Introduction to production of programs for television and broadcast news using multi-camera studio production techniques. Four hours of lecture per week with studio and field hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 564 Documentary Production (4 Credits)

The course will cover proposal writing, research, shooting, editing and packaging of short documentaries. This is a hands-on course that requires many outside class involvement. Four hours of lecture per week with studio and field hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510/

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

Sociology**SOC 554 Advanced Sociological Statist (3 Credits)**

ADVANCED SOCIOLOGICAL STATISTICS (3) Advanced statistical methods with emphasis on multiple regression techniques.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

Communications with Professional Communication and Digital Media Concentration Professional, Master of Arts

The Professional Concentration

Many media professionals and media studies teachers with undergraduate degrees in communication studies, journalism or media production are looking for master's programs to sharpen their professional skills. The School of Communication has designed a concentration to support the needs of this type of student. In the **Professional Communication and Digital Media** concentration, after taking foundational and required classes in professional skills, the master's candidates will complete a two-semester project in long-form journalism, documentary film, web-based journalism, or digital instructional material for classroom use.

Admission Requirements

Applicants must meet **all** of the following requirements:

Unconditional Admission

1. Graduate with a four-year baccalaureate degree from an accredited college or university (degrees from institutions outside the U.S. are evaluated for equivalency to U.S. degrees).
2. Possess a grade point average of at least 3.0 in undergraduate studies.
3. Complete satisfactory preparation in the specific discipline or field of study.
4. Attain a score of at least 213 on the TOEFL, if an international student.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 2.8 undergraduate grade point average or the undergraduate grade point average within the last thirty-hours (30) of course work must be at least 3.2. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in each course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time will result in the student being dropped from the program. Conditional admits are not eligible for financial aid.

Post- Baccalaureate and Non-Degree Seeking Applicant Policy

1. Applicants are not eligible for financial aid.
2. If admitted as a post-baccalaureate student, the student is required to earn a minimum of 3.5 in those hours they take while in the graduate program in order to be admitted into the program.
3. If admitted with non-degree-seeking status, a student is allowed to take up to six (6) hours only.

Summary

Code	Title	Hours
	Foundation Course Requirements (p. 475)	10
	Required Courses (p. 475)	17
	Electives (p. 476)	9
Total Hours		36

Foundation Course Requirements

Code	Title	Hours
CM 501	Master's Seminar in Mass Media Projects	1-3
JOUR 505	Art of Narrative	3
RTF 510	Visual Storytelling	3
Total Hours		7-9

Required Courses

Code	Title	Hours
RTF 515	Writing for Film & Electronic Media	3
RTF 520	Advanced Media Production	4
CM 530	Media Law & Ethics	3

CM 535	Media Entrepreneurship	3
CM 699	Master's Project Production	4
Total Hours		17

Electives

Code	Title	Hours
Any graduate level courses		9
Total Hours		9

List of Elective Courses for all Concentrations (All Courses May Not be Offered on a Regular Basis)

Communication

CM 501 Master's Seminar in Mass Media Projects (1-3 Credits)

A preparatory course for researching, planning, and proposing the master's project. The examination and discussion of various media forms and to help students select a topic and design and produce the master's project. Three hours of lecture per week. Pre-requisite: none

College/School: School of Communication

Department: School of Communication

CM 525 African-American Issues in Communications (3 Credits)

Study of historical and contemporary issues, relating to communicational aspects of African American culture and communication. The continuities between African and African-American culture and communications are examined. Three hours of lecture per week. Pre-requisite: none

College/School: School of Communication

Department: School of Communication

CM 526 Introduction : Graduate Studies in Communication (3 Credits)

College/School: School of Communication

Department: School of Communication

CM 527 Mass Communication Effects (3 Credits)

The significance and impact of mass communication in contemporary society; critical review of the models and paradigms of media influence and influence processes. Three hours of lecture per week. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 530 Media Law & Ethics (3 Credits)

Surveys of laws and regulations that affect the print and broadcast media. Included material on the First Amendment, libel, invasion of privacy, freedom of information, copyright, obscenity, advertising and broadcast regulation and media coverage of judicial system. Prerequisite: none.

College/School: School of Communication

Department: School of Communication

CM 533 Theory & Process Of Comm (3 Credits)

THEORY AND PROCESS OF COMMUNICATION (3) Concepts in communication theory; examination of theories and principles relating to the communication process. Required for the Master of Arts Degree in Communication.

College/School: School of Communication

Department: School of Communication

CM 534 Intro Grad Res Com (3 Credits)

INTRODUCTION TO GRADUATE RESEARCH IN COMMUNICATION (3) Introduction to historical, experimental, descriptive and creative methodologies in communication; design and implementation of research topics. Required for the Master of Arts degree in Communication.

College/School: School of Communication

Department: School of Communication

CM 535 Media Entrepreneurship (3 Credits)

Fund-raising, promotional and business planning for media projects, including the use of websites and social media. Three hours of lecture per week. Pre-requisite: CM 501, JOur 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: School of Communication

CM 549 Interpersonal Communication (3 Credits)

Model, theories, and variables related to communication in relatively unstructured face-to-face communication. Course meets 3 credit hours per week.

College/School: School of Communication

Department: School of Communication

CM 550 Qualitative Methods in Comm (3 Credits)

An introduction to qualitative research methods in communication studies. Provides students with an overview of several techniques for, and issues in gathering, analyzing, writing-up, and using qualitative data. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 551 Social Media Culture and Communication (3 Credits)

The history, practices, tools, legal and ethical issues related social media. Emphasis on students' exploration of theories-public relations, communication and business-to help better understand and develop social media. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 552 Organizational Communication Theories (3 Credits)

Introduction to organizational communication. Specific objectives include development of historical progress, examination of major research issues such as information flow, network analysis, communication overload, exploration of theoretical foundations in organizational decision making, dimensions and levels of communication behavior in complex organizations. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 554 Intercultural Communication (3 Credits)

Considers rules, meaning, uncertainty reduction, development communication, and comparative approaches to intercultural communication. Examines methodological issues. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 555 Family Communication (3 Credits)

This course is designed to acquaint students with some of the more common theoretical and methodological issues that face those who conduct research on family communication. The developmental life course of traditional U.S. families, the various types of families that comprise today's society. Specific topics include social support, communication and attraction, marriage, divorce, sibling relationships, step-families, the effect of spouses' occupations on the family, the influence of culture on family interaction, and communication in abusive families. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 558 Independent Study (3 Credits)

College/School: School of Communication

Department: School of Communication

CM 559 Special Topics in Communication (3 Credits)

This is a course designed to address selected topics in communication. Topics and research preferences will vary. No more than six credit hours may be elected in special topics courses. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 560 Gender and Communication (3 Credits)

Students will be introduced to the complex ways in which communication and gender intersect. Attention will be given to the socially endorsed views of masculinity and femininity as taught to individuals through a variety of cultural means. Some sections of this course may be offered for majors only. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 561 Internet and Society (3 Credits)

Places new communication technology into historical, cultural, and theoretical perspective. Study of the "people" side of electronic communication in general and the Internet in particular. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 562 Health Communication (3 Credits)

Focus on the social, economic, and political factors influencing beliefs and attitudes related to health and illness. Examines the primary relationships in healthcare settings and the role of mass media in health. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 563 Health Communication Campaigns (3 Credits)

This course exposes student to principles of health communication and campaigns. The emphasis will be on both seminal and recent research trends. As part of the exploration of contextual topics, types of health campaigns will be examined, and students will have an opportunity to design a campaign. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 564 E-Health Communication (3 Credits)

This course examines the ways in which new media technology is used to discuss and improve one's health. Students will learn the dominant theories and models used to explain how and why users access health information online, how new media is used to facilitate communication among patients and doctors, the value of virtual support networks, and the way in which new media platforms contribute to increased health literacy. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 565 Health and Mass Media (3 Credits)

This course examines the prevalence and nature of mass media messages concerning health, including ways in which health issues are portrayed through entertainment, new media, and advertising. Students will learn about the frequency and nature of health messages in different media formats and the effects these messages have on viewers. 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 567 Strategic Communication Management (3 Credits)

Introduces public relations and other public communication theories that aid in managing communication and responding to and counseling organizational management and marketing challenges. Explores the relationship between public relations, advertising, marketing communications and management of organizations 3 credit hours.

College/School: School of Communication

Department: School of Communication

CM 568 Organizational Training & Development (3 Credits)

Covers methods and practice in communication training and development for organizations including pre-assessment, writing objectives, training techniques, post-training evaluation, feedback, and implementation. The emphasis is on communication processes and outcomes for the trainer and trainee plus communication skill development within training modules. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 569 Communication and Organizational Crisis (3 Credits)

This course provides students insights regarding key concepts, theoretical perspectives, essential skills and abilities, and critical thinking and problem solving skills necessary for effective crisis management, relationship management, crisis planning and preparation, case studies, and developing crisis communication management plans. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 570 Communication in the Global Workplace (3 Credits)

This introductory course explores communication issues that arise in the global workplace: The course develops an appreciation of the relationship among culture, communication, and ways of organizing and doing business. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 574 Communication Leadership in Multi-Context (3 Credits)

This course distinguishes leadership as an influential message-centered process. Based on this perspective, the course examines the variables of message exchange (communicator role, message content and meaning, media, context, and culture) as they impact organizational goal achievement. Eight major communication approaches are used to explain leadership. Special attention is given to understanding communication theory and extending social science research. This course examines communication leadership within a context of diversity that includes culture, gender, race, ethnic, as well as additional diversity indices. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 576 Race Gender Class and the Media (3 Credits)

This seminar will involve a survey of relevant literature concerning the interplay between race and mass media. During the course of the semester students will gain an understanding of the relationship between persons of color and the mass media. The course will focus on the mass media's representation of these groups, including whether and/or how their representation, and the current state of their representation. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 577 Race and News (3 Credits)

Survey of relevant literature concerning the interplay between race and mass media, with special emphasis placed on news. During the course of the semester students will gain an understanding of the relationship between persons of color and the news and public affairs arena of mass media. Three hours of lecture per week.

College/School: School of Communication

Department: School of Communication

CM 634 Adv Comm Res Meth (3 Credits)

ADVANCED COMMUNICATION RESEARCH METHODS (3) Methodology of sampling, design and analysis utilized in field studies; operation of communication variables; basic principles of measuring attitudes and information levels. (Prerequisites: CM 534 and consent of instructor)

College/School: School of Communication

Department: School of Communication

CM 664 Graduate Practicum (3 Credits)

Student is placed in a position in a media industry. Requirements: completion of all course work, passing of a comprehensive examination, approval of the Graduate Program Advisor and the Graduate Practicum Director, availability of an approved site. Offered as needed. Prerequisites: CM 634 and consent of instructor. Three hours of lecture per week.

Prerequisite(s): (CM 634)

College/School: School of Communication

Department: School of Communication

CM 665 Graduate Practicum (3 Credits)

Continuation of CM 664. Completion of all course work, passing of a comprehensive examination, approval of the Graduate Program Advisor and the Graduate Practicum Director, availability of an approved site. Offered as needed. Prerequisites: CM 634, CM 664 and consent of instructor. Three hours of lecture per week.

Prerequisite(s): (CM 634 and CM 664)

College/School: School of Communication

Department: School of Communication

CM 669 Master's Project Production (4 Credits)

Each student will be responsible for designing, developing and producing a master's project using selected media forms under the supervision of the project advisor. Student are encouraged to plan their projects during the course of study and lecture per week with studio hours to be arranged.

Prerequisite: approval of the academic advisor.

College/School: School of Communication

Department: School of Communication

CM 698 Research Project (1-3 Credits)

Directed individual study on specific Communication thesis topic. This is a variable credit hours course with a minimum of 1 SCH and a maximum of 3 SCH. May be repeated for credit. Prerequisite: CM 634 and consent of instructor.

Prerequisite(s): CM 634

College/School: School of Communication

Department: School of Communication

CM 699 Master's Project Production (1-4 Credits)

Each student will be responsible for designing, developing and producing a master's project using selected media forms under the supervision of the project advisor. Students are encouraged to plan their projects during the course of their study and produce the project during the last semester before the completion of their degree. Prerequisite: approval of the academic advisor.

College/School: School of Communication

Department: School of Communication

Note that Research Project and Master's Project courses receive grades of Satisfactory or Unsatisfactory only. Grades are assigned after the defense of the thesis or project. A successful defense and submission of the thesis or project requires that the supervising member of the faculty assign a grade of Satisfactory for the appropriate Research Project and Master's Project course.

Journalism**JOUR 542 Broadcast Journalism (4 Credits)**

Intensive training in creation of broadcast packages including long-form stories. Four hours of lecture per week with studio hours to be arranged. Prerequisite: CM 501, Jour 505, CM 510.

Prerequisite(s): (JOUR 505 and CM 501 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

JOUR 544 Effective Website Design (4 Credits)

Techniques for creating and promoting multimedia websites. Four hours of lecture per week with studio hours to be arranged. Prerequisite: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

JOUR 571 Literature of Journalism (3 Credits)

Readings in literary journalism with practical instruction in the creation of long-form narratives. Three hours of lecture per week. Prerequisite: CM 501, Jour 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Journalism

Radio/TV/Film

RTF 510 Visual Storytelling (3 Credits)

A developmental course in basic skills in media aesthetics, videography and editing using a variety of multimedia production tools. Four hours of lecture per week with studio hours to be arranged. Prerequisite: none

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 515 Writing for Film & Electronic Media (3 Credits)

Covers the process of writing for visual media. Includes proposals, treatments, scripts, budgeting and scheduling. Three lecture hours per week. Prerequisites: CM 501, JOUR 505 and CM 510.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 520 Advanced Media Production (4 Credits)

Advanced production techniques in videography, editing and multimedia production. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510 and RTF 515)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 540 Instructional Media Techniques (4 Credits)

The use of digital technology to create instructional material for the classroom. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 546 Digital Animation (4 Credits)

Introduction to computer-generated animation using current digital animation software. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and CM 510 and JOUR 505)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 560 Digital Film Production (4 Credits)

A hands-on, introductory course to digital filmmaking using new digital video equipment. Includes scriptwriting, producing, directing and editing a number of shorts, using digital video cameras and editing applications such as Avid and Final Cut Production. Students are responsible for material used in the course. The School will provide equipment only. Four hours of lecture per week with studio hours to be arranged.

Prerequisite(s): (CM 501 and JOUR 560 and RTF 515 and CM 520)

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 562 Television Production (4 Credits)

Introduction to production of programs for television and broadcast news using multi-camera studio production techniques. Four hours of lecture per week with studio and field hours to be arranged. Prerequisite: CM 501, JOUR 505 and CM 510.

College/School: School of Communication

Department: Dept of Radio, TV and Film

RTF 564 Documentary Production (4 Credits)

The course will cover proposal writing, research, shooting, editing and packaging of short documentaries. This is a hand-on-course that requires many outside class involvement. Four hours of lecture per week with studio and field hours to be arranged. Prerequisite: CM 501, JOUR 505 and CM 510/

Prerequisite(s): (CM 501 and JOUR 505 and CM 510)

College/School: School of Communication

Department: Dept of Radio, TV and Film

Sociology

SOC 554 Advanced Sociological Statist (3 Credits)

ADVANCED SOCIOLOGICAL STATISTICS (3) Advanced statistical methods with emphasis on multiple regression techniques.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

College of Liberal Arts and Behavioral Sciences

The mission of the College of Liberal Arts and Behavioral Sciences is to educate every student to live knowledgeably, responsibly and humanely.

The College of Liberal Arts and Behavioral Sciences offers graduate programs designed to provide high quality instruction in various disciplines on an advanced level. As one of the largest and most diverse academic units at Texas Southern University, the College offers master's degrees in five departments:

- Department of English (p. 479)
- Department of History (p. 483)
- Department of Human Services and Consumer Sciences (p. 486)
- Department of Psychology (p. 491)
- Department of Sociology (p. 495)

The goal of the graduate programs is to prepare students to contribute effective solutions to urban, national and global problems by engaging them in literary, historical, and social research. The aim of each graduate-level program is to build upon knowledge and skills learned on the undergraduate level, focusing on the areas of research, writing, and practice skills with emphasis on critical thought and analysis. Graduates are well-prepared to continue their educational pursuits in doctoral and professional schools. Our distinguished faculty members are scholars with national recognition and distinction for outstanding instruction, creativity and research. Each department has specific requirements for admission and graduation. Therefore, students who are interested in pursuing the graduate degrees listed above should contact the chairperson of the department in which the desired degree is offered.

Department of English Master of Arts in English

The Department of English at Texas Southern University prides itself in preparing students to excel in their knowledge and understanding of the areas of British, American, and African American Literature, and Literary Analysis and Theory. Students engage in intensive study and research towards a command of the broad and diverse range of literatures written and/or translated into English. Our graduates make meaningful personal

discoveries throughout their studies: how ideas in literature influence their life-long pursuits and thinking.

Master of Arts (M.A.) students will immerse themselves in both rhetorical and contemporary theoretical approaches to literary texts. Through expert instruction, workshops, and graduate experiential opportunities, the Master of Arts in English prepares successful graduates for exemplary higher education entry teaching opportunities; communication (oral and written); leadership opportunities in arts, business, education, government, and legal pursuits; and entrance into prestigious Ph.D. programs in literature and rhetoric and composition.

Master of Arts in English -- Degree Plans

The English Department offers three options leading to the Master of Arts degree:

1. Track A – Masters of Arts degree (thesis option – 27 semester credit hours + 3 research hours for thesis) – in literature study with an emphasis in American, African-American, or British literature.
2. Track B – Masters of Arts degree (non-thesis option - 30 semester credit hours for non-thesis) – with a generalist concentration in literary studies. With the approval of the Department Chair and the instructor, the student will devote three credits to a “Directed Reading and Research” course resulting in two or more longer papers.
3. Online Masters of Arts degree in English. Students electing this online option will follow the same Track A or Track B program noted above. Contact the Chair for more specific information.

Requirements of the Degree

- Thirty (30) hours of coursework

Conditional Admittance

- There is no conditional admittance to the Master of Arts in English Program at Texas Southern University.
- All requirements must be met before admittance to the Master of Arts Program (completed tests, fees paid, letters of recommendation submitted, et. al.)

Master of Arts in English -- Degree Plans

The English Department offers three options leading to the Master of Arts degree:

- M.A. with Thesis
- M.A. with Portfolio (non-thesis)
- M.A. Online with Thesis or Portfolio

The three degree paths for the M.A. degree are designed to prepare students for entry to the professional world or further graduate study.

- English Track A (Thesis Option), Master of Arts (p. 481)
- English Track B (Non-Thesis Option), Master of Arts (p. 482)

Courses

ENG 501 Grad Prof Writing (3 Credits)

WRITING GRADUATE (3) A course for students who have not achieved writing proficiencies appropriate for graduate work, including the master's thesis and doctoral dissertation (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 502 Cornerstone Survey (3 Credits)

CORNERSTONE SEMINAR (3) An intense and comprehensive period-based survey of Western literature from the ancient through the modern and postmodern (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 529 Studies in Lit Bio and Nonfict (3 Credits)

STUDIES IN LITERARY BIOGRAPHY AND NONFICTION (3) A study of the relationship of author and text in works of notable British and American writers (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 530 African American Fiction (3 Credits)

AFRICAN AMERICAN FICTION (3) An examination of the literary presentation of the passage from slavery to free personhood in selected texts of African American fiction, with a special concentration on rhetorical structure (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 532 Afr & Afr Diaspora Literature (3 Credits)

AFRICAN AND AFRICAN DIASPORA LITERATURE (3) A study of selected poetry, fiction, and drama of Africa and the African Diaspora (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 533 Methods Of Research (3 Credits)

METHODS OF RESEARCH (3) An introduction to techniques of independent graduate study, with emphasis on bibliographical studies and textual criticism (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 534 Black Southern Writers (3 Credits)

In this course, students will examine the rhetorical strategies circumstances most prominently in the southern literary tradition. Students will investigate the historical circumstances (including slavery, Reconstructions, etc.) that have shaped—and been shaped by—southern literature. Topics to be addressed in this course include canon formation, negotiations between fiction and history, etc.

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 536 Seminar in Advan Tech Writing (3 Credits)

SEMINAR IN ADVANCED TECHNICAL WRITING (3) The second of two technical writing courses that offer focused instruction on writing skills appropriate to the technical demands of the modern workplace such as business, science, and government (Prerequisites: ENG 412 and the consent of both the department chair and the instructor)

College/School: Liberal Arts & Behavioral Scie

Department: Department of English

ENG 629 Seminar in American Literature (3 Credits)

SEMINAR IN AMERICAN LITERATURE (3) A special topics course focusing on American poetry, drama, and fiction. (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 638 Survey of Lit Theory (3 Credits)

SURVEY OF LITERARY THEORY (3) An historical survey of theories of literary criticism from Aristotle to the present (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 640 Chaucer Shakespeare and Milton (3 Credits)

SEMINAR IN CHAUCER, SHAKESPEARE AND MILTON (3) An intense study of major works of Chaucer, Shakespeare, and Milton (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 641 Seminar Creative Non-Fiction (3 Credits)

SEMINAR IN CREATIVE NONFICTION (3) A study of techniques of creative non-fiction prose, both as a genre and in historical context (Prerequisite: graduate standing)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 732 American Novel (3 Credits)

THE AMERICAN NOVEL (3) A study of selected American novelists in conjunction with modern critical theories (Prerequisite: completion of all required core courses)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 734 Seminar in Modern Poetry (3 Credits)

SEMINAR IN MODERN POETRY (3) An examination of the primary trends in modern poetry, devoting attention to the masterpieces in the canon and engaging students in a systematic study of the techniques and philosophical tendencies in these works (Prerequisite: completion of all required core courses)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 735 The British Novel (3 Credits)

THE BRITISH NOVEL (3) An intensive survey of the British novel from Defoe through the authors of contemporary British fiction (Prerequisite: completion of all required core courses)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 736 Studies British Literature to 1900 (3 Credits)

STUDIES IN BRITISH LITERATURE TO 1900 (3) A study of British poetry, drama, and prose from Shakespeare to the era of modernism (Prerequisite: completion of all required core courses)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 794 Utopia Dystopia (3 Credits)

This proposed course will engage students with utopian and dystopian literature from the ancient periods to the 21st century. Students will discover the pros and cons of past societies described in various literatures. Students will then be able to evaluate current social trends against a literary backdrop of social formations.

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 835 Directed Reading and Research (3 Credits)

DIRECTED READING AND RESEARCH (6) An individualized course for students wishing to work with a specific professor in a well-defined area of scholarship (Prerequisite: completion of all required core courses and the consent of both the department chair and the instructor)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

ENG 837 Thesis In Progress (3 Credits)

THESIS IN PROGRESS (6) The writing of the thesis under the supervision of a thesis advisor from the graduate faculty of the Department of English (Prerequisite: All preceding requirements for the Master of Arts in English)

College/School: Liberal Arts & Behavioral Science

Department: Department of English

English Track A (Thesis Option), Master of Arts

Application Deadlines

Fall Admission: July 15

Spring Admission: November 15

Minimum Requirements for Admission

- Bachelor of Arts in English or Bachelor of Arts and/or Bachelor of Science in another discipline
- Minimum of 2.75 overall G.P.A. in undergraduate studies and 3.0 G.P.A. in the discipline

Qualifications for Graduate Assistantships

- Highly competitive
- Limited – three per year (2 semesters); may be renewed for two additional consecutive semesters
- Maintenance of G.P.A. of 3.5 or above while enrolled in the program
- Students who achieve 3.4 or above after two semesters of residence are eligible to apply for graduate assistantship consideration

Application Materials ¹

Students should submit the following materials to the Texas Southern University Graduate School:

- The online application
- Academic transcripts from all (attended) institutions of higher learning
- Application fees

¹ All materials are required for admittance consideration

The following materials should be submitted to the Director of Graduate Studies, Department of English:

- Three letters of recommendation
- The student's statement of intent (1-2 pages)
- A ten to fifteen (10-15) page critical writing sample with bibliography

In order to earn a Master's degree in English under Track A, a candidate must complete the following departmental requirements:

Thirty (30) hours of graduate work in English inclusive of English 837 (Thesis in Progress), with an emphasis in African

1. American, American, or British literature)
Required Core Courses: ENG 502 Cornerstone Survey, ENG 533 Methods Of Research, and ENG 638 Survey of Lit Theory
2. A written comprehensive examination
3. End of program assessment that includes a comprehensive test, research completion, and evaluation
4. An acceptable thesis based on an investigation of a subject approved by the Department and the University Graduate School
5. An oral defense of the thesis before the committee of graduate faculty advisors
6. A completed thesis approved by the University Graduate School

Master of Arts Degree in English

Course	Title	Hours
First Year		
First Semester		
ENG 502	Cornerstone Survey	3
ENG 533	Methods Of Research	3
ENG 638	Survey of Lit Theory	3
Hours		9
Second Semester		
ENG 530	African American Fiction	3
ENG 735	The British Novel	3
ENG 732	American Novel	3
Hours		9
Second Year		
Third Semester		
ENG XXX	English Elective	3
ENG XXX	English Elective	3
ENG XXX	English Elective	3
Hours		9
Fourth Semester		
ENG 837	Thesis In Progress	3
Hours		3
Total Hours		30

English Track B (Non-Thesis Option), Master of Arts

Application Deadlines

Fall Admission: July 15
Spring Admission: November 15

Minimum Requirements for Admission

- Bachelor of Arts in English or Bachelor of Arts and/or Bachelor of Science in another discipline
- Minimum of 2.75 overall G.P.A. in undergraduate studies and 3.0 G.P.A. in the discipline

Qualifications for Graduate Assistantships

- Highly competitive
- Limited – three per year (2 semesters); may be renewed for two additional consecutive semesters
- Maintenance of G.P.A. of 3.5 or above while enrolled in the program
- Students who achieve 3.4 or above after two semesters of residence are eligible to apply for graduate assistantship consideration

Application Materials ¹

Students should submit the following materials to the Texas Southern University Graduate School:

- The online application
- Academic transcripts from all (attended) institutions of higher learning
- Application fees

¹ All materials are required for admittance consideration

The following materials should be submitted to the Director of Graduate Studies, Department of English:

- Three letters of recommendation
- The student's statement of intent (1-2 pages)
- A ten to fifteen (10-15) page critical writing sample with bibliography

In order to earn a Master's degree in English under Track B, a candidate must complete the following departmental requirements:

1. Thirty (30) hours of graduate work in English for a general concentration in literature inclusive of English 835 (Directed Reading and Research)
Required Core Courses: ENG 502 Cornerstone Survey, ENG 533 Methods Of Research, and ENG 638 Survey of Lit Theory
2. A written comprehensive examination
3. End of program assessment that includes the comprehensive examination, portfolio, and research completion
4. An acceptable portfolio of at least six seminar-length analyses covering each of the areas of required studies (American, African-American, British, and Criticism) with the portfolio to be evaluated by members of the graduate faculty
5. An acceptable research project based on an investigation of a topic approved by the Department and the University Graduate School
6. An oral review of the portfolio or research project before the committee of graduate faculty advisors

Master of Arts Degree in English

Course	Title	Hours
First Year		
First Semester		
ENG 502	Cornerstone Survey	3
ENG 533	Methods Of Research	3
ENG 638	Survey of Lit Theory	3
Hours		9
Second Semester		
ENG 530	African American Fiction	3
ENG 735	The British Novel	3

ENG 732	American Novel	3
Hours		9
Second Year		
Third Semester		
ENG XXX English Elective		3
ENG XXX English Elective		3
ENG XXX English Elective		3
Hours		9
Fourth Semester		
ENG 835	Directed Reading and Research	3
Hours		3
Total Hours		30

Department of History

The Department offers a master's program in history for students seeking to expand their knowledge of history and to develop the research, analytical, and critical skills that will prepare them for careers in academia, education, law, non-profit organizations, government, or public history. Students in this program will enhance their research and reading and writing skills.

- History (Non-thesis Option), Master of Arts (p. 484)
- History (Thesis option), Master of Arts (p. 485)

Advanced Undergraduate/Graduate

(These courses can be taken for graduate credit only with the permission of the graduate advisor)

HIST 421 Topics in African Diaspora (3 Credits)

Topics in African Diaspora (3) Directed readings course that may be repeated for up to six hours credit. Topics examine the history of the peoples of the African Diaspora. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 430 Topics In History (3 Credits)

Topics in U.S. History (3) Intensive study with reading and discussion of special topics in United States, African American, and world history. Special attention will be focused on selected national and international topics. Three hours of lecture per week. May be repeated for up to 9 credits as topics vary. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 432 Topics in World History (3 Credits)

Topics in World History (3) Directed readings course that may be repeated for up to six hours credit. Topics examine themes in the history of societies and cultures throughout the world. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): HIST 231 and HIST 232

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 434 Topics In Latin Amer Hist (3 Credits)

Topics in Latin American History (3) General study of the origins of the peoples, cultures, and politics of Latin America with special emphasis on the problems of colonialism, imperialism, and hemispheric solidarity. Prerequisites: HIST 231 and HIST 232. May be repeated for up to six credits as topics vary.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: (R)DeptHlth,PhysEdu&Rec

HIST 438 History of the South (3 Credits)

History of the South (3) Examination of the South, including Houston during and after slavery with particular emphasis on race relations as well as cultural and economic development. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: (R)DeptHlth,PhysEdu&Rec

HIST 439 The United States Since 1945 (3 Credits)

The United States since 1945 (3) Examination of the rapid social and political changes experienced by the United States since World War II with particular attention given to America's involvement in foreign affairs. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 447 Mod African-American Hist (3 Credits)

Modern African American History (3) Examination of the background and events of the struggle for legal, political, and economic equality by African Americans up to the present day. Three hours of lecture per week. May be repeated as topics vary. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 471 Revolutionary America (3 Credits)

The American Revolution (3) Examination of the explosive political, social, and cultural developments between 1763 and 1789 which culminated in a war for independence and the adoption of the U. S. Constitution. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 478 Slavery (3 Credits)

Slavery (3) Examination of the political, social, economic, and cultural impact of slavery on the Western world. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 479 Urban Hist Of U S (3 Credits)

Urban History of the United States (3) Examination of the process of urbanization in American history with special emphasis on the role of ethnic minorities, Blacks, and Browns, in an urban nation. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 481 Topics In African Hist (3 Credits)

Topics in African History (3) Series of specialized topics in African history. Topics include ancient African kingdoms, history of South Africa, and the Atlantic slave trade. May be repeated up to 6 credits as topics vary. Three hours of lecture per week. Prerequisites: HIST 231 and HIST 232.

Prerequisite(s): (HIST 231 and HIST 232)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

Graduate Courses

HIST 531 Readings in US History (3 Credits)

HIST 531 READINGS IN U. S. HISTORY (3) Directed readings in selected areas of U.S. history to introduce the student to the themes and concepts of U.S. history. (This course may be taken more than once, but no more than three [3] times, as topics vary, with the permission of the instructor.)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 532 Readings in African Amer Hist (3 Credits)

HIST 532 READINGS IN AFRICAN AMERICAN HISTORY (3) Directed readings in selected areas of African American history to introduce the student to the themes and concepts of African American history. (This course may be taken more than once, but no more than three [3] times, as topics vary, with the permission of the instructor.)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 533 Readings in World Europe (3 Credits)

HIST 533 READINGS IN EUROPEAN/WORLD HISTORY (3) Directed readings on specified topics in European or world history. (This course may be taken more than once, but no more than three [3] times, as topics vary, with the permission of the instructor.)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 581 Readings in African History (3 Credits)

HIST 581 READINGS IN AFRICAN HISTORY (3) Directed readings in selected areas of African history to introduce the student to the themes and concepts of African history. (This course may be taken more than once, but no more than three [3] times, as topics vary, with the permission of the instructor.)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 582 Spec Problems in African Hist (3 Credits)

HIST 582 SPECIAL PROBLEMS IN AFRICAN HISTORY (3) Intensive study with reading and discussion of special problems in African history. (This course may be taken more than once, but no more than three [3] times, as topics vary, with the permission of the instructor.)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 630 Spec Probs in Amer Hist (3 Credits)

HIST 630 PROBLEMS IN U. S. HISTORY (3) Directed readings on specified topics in U. S. history. (This course may be taken more than once, but no more than three [3] times, as topics vary, with the permission of the instructor.)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 631 Historiography I (3 Credits)

HIST 631 HISTORIOGRAPHY I (3) A survey of Western historical methods and thought from the Greeks through the 19th Century.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 632 Historiography II (3 Credits)

HIST 632 HISTORIOGRAPHY II (3) A survey of twentieth century and non-Western historical methods and thought.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 633 Problems in African Disp (3 Credits)

HIST 633 PROBLEMS IN AFRICAN DIASPORA HISTORY (3) Directed readings on specified topics in the history of the peoples of the African Diaspora. (This course may be taken more than once, but no more than three [3] times, as topics vary, with the permission of the instructor.)

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 635 Civil War Reconst Nat Develop (3 Credits)

HIST 635 THE CIVIL WAR AND RECONSTRUCTION (3) An analysis of the social and political crisis of the Civil War and the social and political readjustments of the period of Reconstruction

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 640 United States Since 1900 (3 Credits)

HIST 640 UNITED STATES SINCE 1900 (3) An examination of the history of the United States in the twentieth century, with particular emphasis on the economic and social problems of contemporary America.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 734 Seminar In American History (3 Credits)

HIST 734 SEMINAR IN AMERICAN HISTORY (3) Readings, discussion, and research in selected topics in American history.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 736 Seminar In Afro-American Hist (3 Credits)

HIST 736 SEMINAR IN AFRO-AMERICAN HISTORY (3) Readings, discussion, and research in selected topics in Afro-American history.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 750 Historical Research (3 Credits)

HIST 750 HISTORICAL RESEARCH (3) A survey of historical research methodology.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

HIST 790 Thesis in History (3 Credits)

HIST 790 THESIS IN HISTORY (3) Directed work in the research and writing of a master's thesis in history. (Open only to students choosing the Thesis Option. This course must be taken for a total of six semester hours in consecutive semesters).

College/School: Liberal Arts & Behavioral Scie

Department: Dept of History & Geography

History (Non-thesis Option), Master of Arts

In addition to the general requirements for admission to the Graduate School (see the *General Information section of this catalog*), applicants for admission to the M.A. program in history are expected to have completed

an undergraduate major or minor in history, or a related discipline. Those who do not have the equivalent of a history major or minor may be required to enroll in and successfully complete undergraduate history courses before they are fully admitted to the program. All application materials should be submitted to the **Texas Southern University Graduate School**. The department chair or the graduate student advisor will review all applications and make recommendations on admission to the Dean of the Graduate School.

Complete thirty (30) semester credit hours of graduate work (twelve (12) semester credit hours of required courses, including a research seminar, and eighteen (18) semester credit hours of electives) with a grade point average of at least 3.0; complete a research project and seminar paper in HIST 734 Seminar In American History or HIST 736 Seminar In Afro-American Hist; pass a comprehensive examination over course work in history. Eligible students are allowed a maximum of three attempts to pass the comprehensive examination over course work in history.

Students may take up to two (6 CR) 400 level history courses as graduate students that can serve as electives for the master's degree. All eligible 400 level courses are listed in the graduate catalog under the history course listings in the graduate catalog. Students may take 4xx, 5xx, 6xx, 7xx courses as electives given the two course limit on 4xx courses is not exceeded.

Summary

Code	Title	Hours
Core Courses (p. 485)		9
Other Requirements (p.)		3
Electives (p. 485)		18
Total Hours		30

Core Courses

Code	Title	Hours
HIST 631	Historiography I	3
HIST 632	Historiography II	3
HIST 750	Historical Research	3
Total Hours		9

Other requirements

Code	Title	Hours
HIST 734	Seminar In American History	3
or HIST 736	Seminar In Afro-American Hist	
Total Hours		3

Electives

Code	Title	Hours
HIST 4XX/5XX/6XX/7XX		3
HIST 4XX/5XX/6XX/7XX		3
HIST 5XX/6XX/7XX		3
HIST 5XX/6XX/7XX		3
HIST 5XX/6XX/7XX		3
HIST 5XX/6XX/7XX		3
Total Hours		18

History (Thesis option), Master of Arts

In addition to the general requirements for admission to the Graduate School (see the *General Information section of this catalog*), applicants for admission to the M.A. program in history are expected to have completed an undergraduate major or minor in history, or a related discipline. Those who do not have the equivalent of a history major or minor may be required to enroll in and successfully complete undergraduate history courses before they are fully admitted to the program. All application materials should be submitted to the **Texas Southern University Graduate School**. The department chair or the graduate student advisor will review all applications and make recommendations on admission to the Dean of the Graduate School.

Complete thirty (30) semester hours of graduate work (nine (9) semester credit hours of required courses; fifteen (15) semester credit hours of electives); and six (6) semester hours of thesis with a grade point average of at least 3.0; demonstrate competency in functional English; pass a comprehensive examination over course work in history; write and defend a satisfactory history thesis. Eligible students are allowed a maximum of three attempts to pass the comprehensive examination over course work in history.

Summary

Code	Title	Hours
Core Courses (p. 485)		9
Electives (p. 485)		15
Thesis (p. 485)		6
Total Hours		30

Core Courses

Code	Title	Hours
HIST 631	Historiography I	3
HIST 632	Historiography II	3
HIST 750	Historical Research	3
Total Hours		9

Electives

Code	Title	Hours
HIST XXX		3
HIST XXX		3
HIST XXX		3
HIST XXX		3
HIST XXX		3
Total Hours		15

Thesis

Code	Title	Hours
HIST 790	Thesis in History ¹	3
Total Hours		6

¹ Must be enrolled in HIST 790 Thesis in History for two consecutive semesters.

Department of Human Services and Consumer Sciences

The **Human Services and Consumer Sciences (HSCS)** curriculum is designed to connect the University's mission as a special purpose institution of higher education for urban programming with specialized training and experiences related to urban issues in homes, schools, and communities. Recognizing the influence exerted by social, economic, political, and other forces in contemporary society, the program provides specific opportunities for students to

1. Broaden their knowledge concerning
 - Changing family structure and function
 - Behavioral aspects of the family
 - Interrelationships within families and other societal subsystems
 - Interface between teaching and the learning process
 - Nutrition and its relationship to the health and well-being of societal subsystems
2. Increase their competency in the research process and recognize the role of research in the field of human services and consumer sciences.
3. Expand their critical writing and thinking skills.

Degree Requirements

The Department of Human Services and Consumer Sciences offers two programs leading to the Master's degree:

1. **Plan A:** Master of Science degree — a minimum of thirty (30) semester credit hours and an acceptable thesis.
2. **Plan B:** Master of Science degree — a minimum of thirty-six (36) semester credit hours and an acceptable research project. Major areas of specialization include Child and Family Development, Foods and Nutrition, Human Services and Consumer Sciences.

Students who select either **Plan A** or **Plan B** must meet the general requirements for all graduate students as prescribed in the Graduate Catalog. The chair of the department and the program advisor must approve degree plans prior to their submission to the Graduate School. Additionally, any identified content deficiencies must be removed as advised. If there are content deficiencies, students will be required to enroll in leveling courses.

- Human Services and Consumer Sciences Plan A. (Thesis Option), Master of Science (p. 489)
- Human Services and Consumer Sciences Plan B. (Non-Thesis Option), Master of Science (p. 490)

Child and Family Development Advanced Undergraduate/Graduate

CFDV 432 Children's Literature (3 Credits)

Children's Literature (3) Analysis of children's books with emphasis on literacy and language development enhancement for children. Extensive reading of books by outstanding authors and illustrators included. Three hours of lecture per week. Prerequisite: Junior or senior standing or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 435 Child Nutrition (3 Credits)

Child Nutrition (3) Principles of nutrition affecting growth and development from conception through early childhood. Emphasis on menu planning, preparation, portion control, and nutritional requirements in early childhood programs. Three hours of lecture per week. Prerequisite: FN 233 or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 436 Parenting (3 Credits)

Parenting (3) Study of theoretical procedures and techniques for use in guiding the behavior and development of the child. Application of current research on parenting models utilized. Three hours of lecture per week. Prerequisites: CFDV 234 and CFDV 235 or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

Graduate

CFDV 531 Guidance of Children (3 Credits)

GUIDANCE OF CHILDREN (3) Advanced principles and theories of child development and guidance with emphasis on implications for application of appropriate management techniques for enhancing growth and competence of the young child.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 532 Lang Cog & Dev Early Chd (3 Credits)

LANGUAGE COGNITION and DEVELOPMENT IN EARLY CHILDHOOD (3) Study of language acquisition theories for promoting developmentally appropriate literacy in the early years.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 533 Parental Influence Dev (3 Credits)

PARENTAL INFLUENCE and INVOLVEMENT IN CHILD DEVELOPMENT (3) Current issues in parenting; emphasis on the influence of parental involvement and positive parent/ child relationships on development in the early years.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 534 Issues in Child & Family Dev (3 Credits)

ISSUES IN CHILD AND FAMILY DEVELOPMENT (3) Intensive study of contemporary problems and issues affecting children and families in the development process.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 536 Grad Practicum (3 Credits)

GRADUATE PRACTICUM (3) Opportunities for field experience in early childhood. Individual placements focused on needs of the student; one lecture hour per week and ten (10) practicum hours per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 578 Curr Analy Early Chd Dev (3 Credits)

CURRICULUM DEVELOPMENT IN EARLY CHILDHOOD (3) Principles involved in developing effective programs for young children; emphasis on inclusion of developmentally appropriate practices for stimulating creativity, cognitive, physical, social and affective development.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

CFDV 631 Nurs Sch & Kindergarten Admin (3 Credits)

NURSERY SCHOOL and KINDERGARTEN ADMINISTRATION (3) Study of administrative processes that support quality programs for young children; consideration of administrative concerns such as organizational management, financial management, facilities planning and management, records, health and safety issues, program planning and assessment, family involvement, and personnel management.

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

CFDV 634 Seminar in Child & Family Dev (3 Credits)

SEMINAR IN CHILD and FAMILY DEVELOPMENT (3) Presentation and discussion of current research topics in human development and family relationships.

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

CFDV 635 Infant Dev & Behavior (3 Credits)

INFANT DEVELOPMENT and BEHAVIOR (3) Principles of physical, emotional and cognitive development of infants with emphasis on the practical application of theoretical philosophies and research.

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

CFDV 671 Behavior Probs Young Child (3 Credits)

BEHAVIOR PROBLEMS OF YOUNG CHILDREN (3) The study of emerging and developing deviate and normal behavior patterns of children from infancy through the middle years, with emphasis on identifying and utilizing behavioral management techniques appropriate for modifying behaviors positively.

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

Advanced Undergraduate**NUTR 340 Experimental Food Lab (3 Credits)**

Analysis of chemical and physical properties of food, study of ingredient functions and factors affecting food product quality as measured by sensory and objective methods, current practices and trends in food technology. Research design, data collection and analysis.

Prerequisite(s): (NUTR 240 and CHEM 231 and CHEM 211 and BIOL 246)

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

NUTR 423 Community Nutrition (3 Credits)

"Discusses the role of nutrition in promoting, maintaining and improving health in the community; financial, legislative, political, sociological, and scientific aspects of public and community health; analytical tools, grantsmanship; role of public and private agencies in community nutrition programs; goals and trends in community nutrition. PREQUISTISTES: NUTR 336, NUTR 350 "

Prerequisite(s): (NUTR 336 and NUTR 350)

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

NUTR 460 Medical Nutrition Therapy I (3 Credits)

Prerequisite(s): (NUTR 457 and PHAR 212)

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

NUTR 460L Medical Nutrition Therapy I Lab (1 Credits)

"The application of the Nutrition Care Process (NCP) and evidence-based practice to specific pathophysiological conditions - includes nutrition assessment, nutrition diagnosis, nutrition intervention, and nutrition monitoring and evaluation. This course must be taken concurrently with NUTR 460. PREQUISTISTES: NUTR 457, PHAR 212. This course requires extensive preparation and relies heavily on your previous knowledge of advanced nutrition, anatomy, microbiology, physiology and biochemistry. This course must be taken concurrently with NUTR 460. CO-REQUISTISTES: NUTR 460, NUTR 430 "

Prerequisite(s): (NUTR 457 and PHAR 212)

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

NUTR 461 Medical Nutrition Therapy II (3 Credits)

"The application of the Nutrition Care Process (NCP) and evidence-based practice to specific pathophysiological conditions - includes nutrition assessment, nutrition diagnosis, nutrition intervention, and nutrition monitoring and evaluation. This course must be taken concurrently with NUTR 461L (Medical Nutrition Therapy Lab II). PREQUISTISTES: NUTR 460, NUTR 460L, NUTR 430. This course requires extensive preparation and relies heavily on your previous knowledge of advanced nutrition, anatomy, microbiology, physiology and biochemistry. This course must be taken concurrently with NUTR 461L. CO-REQUISTISTES: NUTR 461L "

Prerequisite(s): (NUTR 460 and NUTR 460L and NUTR 430)

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

NUTR 461L Medical Nutrition Therapy II (1 Credits)

"The application of the Nutrition Care Process (NCP) and evidence-based practice to specific pathophysiological conditions - includes nutrition assessment, nutrition diagnosis, nutrition intervention, and nutrition monitoring and evaluation. This course must be taken concurrently with NUTR 461 (Medical Nutrition Therapy II). PREQUISTISTES: NUTR 460, NUTR 460L, NUTR 430. This course requires extensive preparation and relies heavily on your previous knowledge of advanced nutrition, anatomy, microbiology, physiology and biochemistry. This course must be taken concurrently with NUTR 461. CO-REQUISTISTES: NUTR 461

Prerequisite(s): (NUTR 460 (may be taken concurrently) and NUTR 460L and NUTR 430)

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

Graduate**FN 531 Food Processing (3 Credits)**

Principles and methods of food preservation; changes occurring during processing and storage; control of changes in food because of enzyme and microorganisms and chemical reactions. Research paper required. One lecture and four laboratory hours per week. Fee: \$4.00.

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

FN 537 Tchgr Nut & Hlth In Pub Schs (3 Credits)

The relation of nutrition to health and its implication to the education of youth. Methods of planning and correlating nutrition and health with other subjects in public schools. Recommended for education majors. Research paper required.

College/School: Liberal Arts & Behavioral Science

Department: Human Serv & Consumer Science

FN 539 Human Nutrition Adulthd (3 Credits)

Advanced study of normal and therapeutic nutrition during early, middle, and late adulthood. Nutritional assessments, requirements, and factors influencing the quality of diet. Research paper required.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FN 543 Mgmt Probs Food Serv Sys (4 Credits)

Advanced study of institutional administration of food service systems: including organizational structures, personnel, management, administration, budgetary control, problems, responsibilities, policies and procedures. Two lecture and four practicum hours per week. Fee: \$4.00.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FN 632 Demonstration Techniques (3 Credits)

Techniques and procedures in the demonstration of preparation of foods for business and social purposes; extension; and teaching. Two lecture and two seminar hours per week. Research paper and practicum required (Prerequisite: HSCS 511; Co-requisite: HSCS 760.)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FN 634 Sem Fds & Nutri (3 Credits)

Individual reports and discussions of proposed research in foods and nutrition. Oral presentation at scheduled seminars required. Two lecture and two seminar hours per week. Research paper and practicum required. (Prerequisite: HSCS 511; Co requisite: HSCS 760; formerly FN 534)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FN 641 Instit Food Prod & Serv (4 Credits)

Advanced study of food purchasing production and service in health care and related facilities; specification writing, recipe development, analysis of food costs, computer applications in food service systems. Three lecture and two practicum hours per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

Human Services and Consumer Sciences**Advanced Undergraduate****FCS 434 Occu Prog & Public Policy (3 Credits)**

Occupational Programs Public Policy (3) Planning and implementing programs in occupational family sciences. Study and evaluation of selected legislation and public policy related to family science and its impact of families. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 435 Communication: Fam & Marriage* (3 Credits)

Communication: Family and Marriage (3) Personal and professional growth and development through more effective communication within the family milieu and the marital unit. Three hours of lecture per week.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

HSCS 437 Statistics (3 Credits)

Statistics (3) Survey of descriptive and inferential statistical techniques. Emphasis on understanding and interpreting statistical concepts used in research. Three hours of lecture per week. Prerequisite: Advanced senior standing or consent of the instructor.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 438 Fam & Conumer Economics (3 Credits)

Study of consumer management principles and income distribution patterns relative to time and money use decision by the family. Three hours of lecture per week. Prerequisite: HSCS 233.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 439 Family & Com Services (1 Credits)

Utilization of family and consumer sciences perspectives in family service agencies within government, public, and private sectors. One hour of lecture per week. Prerequisite: HSCS 233 and FCS 436.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 439L Family & Comm Serv Lab (2 Credits)

Practicum to accompany FCS 439. Four hours per week. Prerequisites: HSCS 233 and FCS 436.

Prerequisite(s): (HSCS 233 and FCS 436)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

FCS 439 Family & Com Services (1 Credits)

Utilization of family and consumer sciences perspectives in family service agencies within government, public, and private sectors. One hour of lecture per week. Prerequisite: HSCS 233 and FCS 436.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

Graduate Courses**HSCS 510 Intro Grad Stud Hum Ser Con (3 Credits)**

INTRODUCTION TO GRADUATE STUDIES IN HUMAN SERVICES and CONSUMER SCIENCES (3) Orientation, history and philosophy of Human Services and Consumer Sciences. Analysis of current programs and future direction in the field. Examination of research integrative framework.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

HSCS 511 Ind Study (3 Credits)

INDEPENDENT STUDY (3) Individualized work on a project in area of specialty under supervision. Major advisor and/or instructor approval required (Prerequisites: HSCS 510, HSCS 534, and satisfactory completion of Graduate English requirement).

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

HSCS 512 Sur Res Human Ser & Con Sci (3 Credits)

RESEARCH SEMINAR (3) Presentation of research papers and/or projects (Prerequisites: HSCS 511 and 534).

Prerequisite(s): (HSCS 510 and HSCS 534)

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

HSCS 534 Rdgs Areas Spec Hum Ser Con Sc (3 Credits)

READINGS IN AREAS OF SPECIALIZATION IN HUMAN SERVICES and CONSUMER SCIENCES (3) Readings in and discussion of selected studies and recent developments in Human Services and Consumer Sciences.

College/School: Liberal Arts & Behavioral Scie

Department: Human Serv & Consumer Sci

HSCS 536 Special Topics in HSCS (3 Credits)

SPECIAL TOPICS IN HUMAN SERVICES and CONSUMER SCIENCES (3) Selected topics in an identified area of study in the Department of Human Services and Consumer Sciences (Prerequisite: instructor's consent).

College/School: Liberal Arts & Behavioral Science

Department: Human Services & Consumer Sciences

HSCS 631 Administration & Supervision HSCS (3 Credits)

ADMINISTRATION and SUPERVISION OF HUMAN SERVICES and CONSUMER SCIENCES (3) Qualifications and responsibilities of supervisors and administrators; criteria for evaluating supervision and administration in Human Services and Consumer Sciences.

College/School: Liberal Arts & Behavioral Science

Department: Human Services & Consumer Sciences

HSCS 534 Reading Areas Specialization in Human Services and Consumer Sciences (3 Credits)

READINGS IN AREAS OF SPECIALIZATION IN HUMAN SERVICES and CONSUMER SCIENCES (3) Readings in and discussion of selected studies and recent developments in Human Services and Consumer Sciences.

College/School: Liberal Arts & Behavioral Science

Department: Human Services & Consumer Sciences

HSCS 635 Current Trends in Family Studies (3 Credits)

CURRENT TRENDS IN HUMAN SERVICES and CONSUMER SCIENCES (3) Study of recent advances and current research related to consumer behavior and changing societal needs and psychology, with particular emphasis on programs of Human Services and Consumer Sciences at various educational levels.

College/School: Liberal Arts & Behavioral Science

Department: Human Services & Consumer Sciences

HSCS 760 Research Problems in Human Services and Consumer Sciences (3 Credits)

ADVANCED RESEARCH (3) Survey of research theories, methods and processes involved in designing research studies.

College/School: Liberal Arts & Behavioral Science

Department: Human Services & Consumer Sciences

HSCS 762 Thesis Writing (3 Credits)

THESIS WRITING (3) Directed individual study on Human Services and Consumer Sciences thesis topic (Prerequisite: Approval of graduate advisor required).

College/School: Liberal Arts & Behavioral Science

Department: Human Services & Consumer Sciences

Human Services and Consumer Sciences Plan A. (Thesis Option), Master of Science

Plan A. Master of Science (Thesis)

This plan is designed to provide instruction to prospective and in-service teachers, practitioners, professional career students and others who wish to supplement their undergraduate education and expand their research capabilities in Human Services and Consumer Sciences through additional study at the graduate level. Students desirous of pursuing an advanced degree beyond the master's level are especially encouraged to consider this plan.

Admission Requirements

Admission status (conditional or unconditional state) to any of the graduate degree tracks in the HSCS Department is dependent upon

one's meeting the general Graduate School admission requirements and having the requisite undergraduate courses that provide the necessary background for success in the selected HSCS discipline track. Students admitted to the HSCS graduate program are expected to follow a degree plan (specific to their chosen specialization focus) developed in collaboration with a department graduate advisor.

HSCS graduate students entering the graduate program during the fall semester must register for HSCS 510 Intro Grad Stud Hum Ser Con and ENG 501 Grad Prof Writing (if their GRE verbal score is less than 3.5) and/or a specialization course. Those entering during the spring semester are advised to enroll in ENG 501 Grad Prof Writing (if their GRE verbal score is less than 3.5) and a specialization course and enroll in HSCS 510 Intro Grad Stud Hum Ser Con during the fall semester.

The Master of Science degree in Human Services and Consumer Sciences allows students the option of concentrating in one of three focus areas: Child and Family Development, Foods and Nutrition, or Human Services and Consumer Sciences Comprehensive. The program further provides the option of selecting two plans: Plan A, which requires 30 semester credits and an acceptable thesis; or Plan B, which requires 36 semester credits and an acceptable research project or mini thesis. Both plans are explained below under Degree Requirements.

SUMMARY

Code	Title	Hours
	Core Curriculum (p. 489)	15
	Select one of the following Specializations: ¹	12
	Child & Family Development (p. 489)	
	Human Services & Consumer Sciences (p. 490)	
	Food & Nutrition (p. 490)	
	Thesis (p. 490)	3
Total Hours		30

¹ Human Services and Consumer Sciences majors must complete at least 6 hours in each of 2 fields. One 400 level course may be substituted for 3 semester credit hours of graduate credit in specialization block.

Core Curriculum Requirements

Code	Title	Hours
HSCS 510	Intro Grad Stud Hum Ser Con	3
HSCS 512	Sur Res Human Ser & Con Sci	3
HSCS 534	Rdgs Areas Spec Hum Ser Con Sc	3
HSCS 760	Research Probs Hum Ser Con Sci	3
HSCS 762	Thesis Writing	3
Total Hours		15

Specialization

Select one of the following specializations below:

Child & Family Development

Code	Title	Hours
CFDV XXX		3
CFDV XXX		3
CFDV XXX		3

CFDV XXX	3
Total Hours	12

Human Services & Consumer Sciences

Code	Title	Hours
HSCS XXX		3
HSCS XXX		3
HSCS XXX		3
HSCS XXX		3
Total Hours		12

Food and Nutrition

Code	Title	Hours
FN XXX		3
FN XXX		3
FN XXX		3
FN XXX		3
Total Hours		12

- ¹ Human Services and Consumer Sciences majors must complete at least 6 hours in each of 2 fields
One 400 level course may be substituted for 3 semester credit hours of graduate credit in specialization block

Specialization 500 level; Specialization 600 level

- At least 12 semester credit hours in one of the following fields:
 - Child and Family Development
 - Human Services and Consumer Sciences
 - Foods and Nutrition
- Human Services and Consumer Sciences majors must complete at least 6 hours in each of 2 fields
- One 400 level course may be substituted for 3 semester credit hours of graduate credit in specialization block

Thesis

Code	Title	Hours
	Three credit hours of thesis requirements	3
Total Hours		3

Human Services and Consumer Sciences Plan B. (Non-Thesis Option), Master of Science

Plan B. Master of Science (Non-Thesis)

This plan is designed to provide instructional enhancement to meet the needs of prospective and in-service teachers, practitioners, professionals, career students and others who wish to supplement their undergraduate education in human services and consumer sciences. It provides a non-thesis option.

Admission Requirements

Admission status (conditional or unconditional state) to any of the graduate degree tracks in the HSCS Department is dependent upon one's meeting the general Graduate School admission requirements and having the requisite undergraduate courses that provide the necessary

background for success in the selected HSCS discipline track. Students admitted to the HSCS graduate program are expected to follow a degree plan (specific to their chosen specialization focus) developed in collaboration with a department graduate advisor.

HSCS graduate students entering the graduate program during the fall semester must register for HSCS 510 Intro Grad Stud Hum Ser Con and ENG 501 Grad Prof Writing (if their GRE verbal score is less than 3.5) and/or a specialization course. Those entering during the spring semester are advised to enroll in ENG 501 Grad Prof Writing (if their GRE verbal score is less than 3.5) and a specialization course and enroll in HSCS 510 Intro Grad Stud Hum Ser Con during the fall semester.

The Master of Science degree in Human Services and Consumer Sciences allows students the option of concentrating in one of three focus areas: Child and Family Development, Foods and Nutrition, or Human Services and Consumer Sciences Comprehensive. The program further provides the option of selecting two plans: Plan A, which requires 30 semester credits and an acceptable thesis; or Plan B, which requires 36 semester credits and an acceptable research project or mini thesis. Both plans are explained below under Degree Requirements.

Summary

Code	Title	Hours
	Core Curriculum (p. 490)	15
	Select one of the following Specializations: ¹	15
	Child & Family Development (p. 490)	
	Human Services & Consumer Sciences (p. 490)	
	Food & Nutrition (p. 491)	
Total Hours		30

Core Curriculum Requirements

Code	Title	Hours
HSCS 510	Intro Grad Stud Hum Ser Con	3
HSCS 511	Ind Study	3
	or HSCS 512 Sur Res Human Ser & Con Sci	
HSCS 534	Rdgs Areas Spec Hum Ser Con Sc	3
HSCS 760	Research Probs Hum Ser Con Sci	3
	One other optional HSCS 500 or 600 level course	3
Total Hours		15

Specialization

Select one of the following specializations below: ¹

Child & Family Development

Code	Title	Hours
CFDV XXX		3
CFDV XXX		3
CFDV XXX		3
CFDV XXX		3
CFDV XXX		3
Total Hours		15

Human Services & Consumer Sciences

Code	Title	Hours
HSCS XXX		3
HSCS XXX		3

HSCS XXX	3
HSCS XXX	3
HSCS XXX	3
Total Hours	15

Food and Nutrition

Code	Title	Hours
FN XXX		3
FN XXX		3
FN XXX		3
FN XXX		3
Total Hours		12

¹ One NUTR 300/400 level course from NUTR courses listed in this catalog may be substituted for 3 semester credit hours of graduate credit in specialization block

Specialization 500 level; Specialization 600 level

- At least 12 semester credit hours in one of the following fields:
 - Child and Family Development
 - Human Services and Consumer Sciences
 - Foods and Nutrition
- Human Services and Consumer Sciences majors must complete at least 6 hours in each of 2 fields
- One NUTR 300/400 level course may be substituted for 3 semester credit hours of graduate credit in specialization block

Department of Psychology

As a special-purpose institution of higher education for urban programming, Texas Southern University embraces the concept of a liberal arts education, particularly as it addresses the biopsychosocial needs and societal values and norms of culturally diverse populations in urban environments. Within this context, the mission of the Master of Arts degree program in the **Department of Psychology** is to facilitate the acquisition of knowledge, values, and competencies of professional psychology through didactic training and practical experience; to develop a master's level psychologist who is clinically competent, ethically-grounded, scientifically informed, and culturally responsive to the practice, research, and policy mandates of psychology as a profession; and to lay the foundation for doctoral level training or professional licensure at the master's level. The learning objectives of the graduate program in the Department of Psychology are as follows:

- To enhance students' understanding of the major theories, concepts, current research, and historical trends in professional psychology;
- To train students in basic research methods, including study design, data analysis and reporting, and interpretation of results so that they can conduct research and be scientifically informed consumers of the empirical literature;
- To promote students' acquisition of critical thinking skills, skeptical inquiry, and evidenced-based approaches to solving human problems of living and disorders related to behavior and mental processes;
- To train students to apply psychological principles and techniques to personal, social, and organizational issues; and
- To promote professional competence so that students will be able to reflect the values underlying the practice of psychology by weighing

evidence, tolerating ambiguity, acting ethically, and keeping abreast of advancements in the field.

Degree Programs

The Department of Psychology provides academic studies leading to the Master of Arts (M.A.) degree. The Texas Higher Education Coordinating Board (THECB) approves only the awarding of the M.A. degree in Psychology with no specialization. The department, however, offers two areas of concentration, Clinical- Community and School Psychology. Students are required to choose one of the areas of concentration, meet the required semester credit hours and those requirements designated in the degree plan for successful completion of the program. Students also have the option of completing a Master's Thesis.

Master's Thesis Option

Students in both the Clinical-Community concentration and the School Psychology concentration have the option of completing a Master's Thesis. After completing 12 hours of coursework in the program and being advanced to candidacy, students may enroll in PSY 832 Masters Res & Thesis I one semester and PSY 833 Masters Res & Thesis II the following semester. No more than 6 credit hours may be earned toward the Master's Thesis. The 6 hours of Master's Thesis coursework may be used to replace two courses on the student's degree plan. However, students may not replace courses that are required for licensure.

Thesis research courses receive grades of satisfactory or unsatisfactory only. Grades are assigned only after the defense of the thesis. A successful defense and submission of the thesis requires the supervising member of the faculty to assign a satisfactory grade for the appropriate research courses.

Degree Requirements

In general, the departmental requirements for advancement to candidacy for the Master of Arts degree in Psychology are as follows:

- Demonstrated proficiency in English by passing an examination in English or by completing the course English 501. A GRE analytical writing score of 3.5 or more may be presented to satisfy this requirement.
- Departmental recommendation to candidacy status for the Master of Arts in Psychology.
- Successful completion of the department's Comprehensive Examination in Psychology. This examination is offered once during the fall semester and once during the spring semester. Students who fail one or both parts of the Comprehensive Examination will be given a second chance to take the part(s) on which they fail. A third attempt to pass the Examination will be permitted only after consultation and/or remediation.
- Completion with a GPA of not less than 3.00 in all required and elective graduate courses taken to satisfy program requirements.
- Complete 54/66 semester credits of graduate course work of which:
 - All must have been earned within the past 7 years immediately preceding completion of the requirements for the degree.
 - Not more than 6 hours may be transfer, extensions, and/or Classified or Unclassified Post-baccalaureate courses. In addition, a grade of B or better must have been earned in courses to be transferred into the program.
 - Not more than 15 hours may be a combination of fieldwork and thesis/project when taken as individual supervision.

6. Earn no more than 6 semester hours with a grade of C. Grades of C- or below are not accepted toward the Master of Arts in Psychology.

Candidacy

Advancement to candidacy as a formal candidate for the master's degree requires prior completion of the following steps:

1. Completion in classified graduate status of four or more courses at the 500 level (minimum of twelve (12) hours) within the Department of Psychology.
2. Maintenance of a 3.0 GPA or better in all departmental coursework and in overall coursework.
3. Acceptance by the department of a proposed formal degree plan.
4. Recommendation by the faculty of the department for acceptance as a candidate.
 - Psychology (Clinical Community Concentration), Master of Arts (p. 493)
 - Psychology (School Psychology Concentration), Master of Arts (p. 494)

PSY 530 Theory of Psychological Testing (3 Credits)

Introduction to the administration, scoring, and interpretation of intelligence, achievement, personality, behavior, vocational and forensic assessments. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 533 Survey Psy Statistics (3 Credits)

Designed for students who need practical competence in statistics. The techniques considered include reliability, validity, correlation, t-test, analysis of variance, non-parametric methods and experimental designs. (Prerequisite: Three semester hours of elementary statistics.)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 534 Learning & Motivation (3 Credits)

Study of motivation and principles of learning underlying behavior of organisms. This class also introduces therapeutic interventions such as behavior modification and behavior therapy. 3 credit hours.

Prerequisite(s): PSY 531

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 536 Behavior Management (3 Credits)

For perspective teachers, counselor, and clinicians. A survey of psychological concerns, treatment procedures, and resources important in management of child behaviors. 3 credit hours.

Prerequisite(s): PSY 531

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 538 Group Therapy (3 Credits)

Theories and concepts underlying the process of group therapy. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 539 Human Growth and Development (3 Credits)

And advanced study of knowledge and theory about human development across the lifespan. The role of genetics, environment, and maturational processes in cognitive, affective, and behavioral development are covered. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 631 Research Design (3 Credits)

Emphasis on the designing experimental studies that investigate a therapeutic intervention. Provides a systematic analysis and evaluation of research as applied to academic and community problems. (Prerequisite: Three hours in statistics.)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 632 Theories of Counseling and Psychological Interventions (3 Credits)

The study of the theoretical principles of counseling and the application of psychological interventions for the treatment of clients in communities and schools. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 633 Psycho-Ed Diag & Treatment (3 Credits)

Practice in the giving and scoring of tests. Clinical use of test materials in the diagnosis of special disabilities and difficulties in school work. (Prerequisite: PSY 532)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 635 Psychological Counseling, Interviewing, and Report Writing (3 Credits)

Survey of the techniques and processes involved in psychological counseling, interviewing, and report writing. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 637 Personality Assessment (3 Credits)

Major concepts and techniques in the development and construction of personality assessment instruments including the administration and interpretation of structured and semi-structured instruments. (Prerequisite: PSY 532)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 638 Career Development (3 Credits)

Introduction to the theoretical models, research, assessment, and techniques of career counseling. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 639 Cross-Cultural Psychology (3 Credits)

This course will review the theoretical and research foundations of multicultural issues related to therapeutic interventions. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 730 Eth & Legal Issues in Men Hlth (3 Credits)

The study of ethical and legal issues which relate to the mental health professionals.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 731 Role of School Psychologist (3 Credits)

The development of the school psychologist as a member of the school staff. Includes an examination of the research on the role, function, legal and ethical responsibilities of the school psychologist as well as the relationship to staff, administrative and teaching personnel.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 732 Social Psychology (3 Credits)

An Advanced study of theory and research on social psychology. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 733 Physiological Psychology (3 Credits)

A systematic study of the interrelationship between physiology and the physiological basis of mental functions and the influences of various psychological phenomena on the system of the body. (Prerequisite: Consent of the instructor)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 735 Practicum (3 Credits)

The student will spend at least 150 clock hours working in an approved agency or institution under the clinical supervision of a staff member of the agency or institution who is a certified/licensed psychologist. (Prerequisite: Completion of at least thirty [30] hours of approved graduate work and consent of the cooperating agency. This course may be repeated one time for credit.)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 736 Practicum (3 Credits)

The second of three practicums where the student must spend at least 150 clock hours working in an approved agency or institution under the supervision of a staff member of the agency or institution who is a certified/licensed psychologist. (Prerequisite: Completion of at least thirty [30] hours of approved graduate work and consent of the cooperating agency. This course may be repeated one time for credit.)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 737 Practicum (3 Credits)

The third of three practicums where the student must spend at least 150 clock hours working in an approved agency or institution under the supervision of a staff member of the agency or institution who is a certified/licensed psychologist. (Prerequisite: Completion of at least thirty [30] hours of approved graduate work and consent of the cooperating agency. This course may be repeated one time for credit.)

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 739 Psychopathology (3 Credits)

A broad introduction to psychopathology. Students will be introduced to the process of diagnosing abnormal or maladaptive behaviors. Students will also cover the classification system of the most up-to-date DSM. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 832 Masters Res & Thesis I (3 Credits)

Directed investigation of special problems in psychology.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 833 Masters Res & Thesis II (3 Credits)

Directed investigation of special problems in psychology.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 834 Consultation and Program Design in School Psychology (3 Credits)

This acquisition of psychological consultation principles such as program design and evaluation and other skills, appropriate for the work of a school psychologist. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

PSY 899 School Psychology (3 Credits)

Direct experience in assessment, intervention, behavior management, and consultation within the schools. The intern must be supervised by a Licensed Psychologist and have at least two hour of face-to-face contact with the supervisor each week. 3 credit hours.

College/School: Liberal Arts & Behavioral Scie

Department: Department of Psychology

Psychology (Clinical Community Concentration), Master of Arts

The **Clinical-Community Psychology** concentration is designed for the development of students who wish to study the empirical and theoretical foundations of psychology with application to a variety of urban settings broadly conceived to include community, clinical, and educational institutions. Through a combination of coursework and field experiences, the student is prepared to qualify for positions in mental health and social services agencies, junior and community colleges, or similar functions in business and industry. Alternately, the student may pursue a plan designed to develop research competencies which can be applied toward the investigation of problems of a psychological nature, especially those related to the improvement of life in the urban community.

The Clinical-Community Psychology concentration requires 54 semester credit hours in addition to any undergraduate prerequisites needed. The first year is devoted mainly to preparation in basic foundation areas such as ethics and counseling theory, as well as laboratory work in assessment methods and counseling techniques. During the second year, the concentration includes a combination of academic work and supervised practice (a minimum of 450 clock hours) in an approved agency or institution. Upon completion of the concentration, students are eligible to apply for licensure as a Licensed Psychological Associate (LPA) or Licensed Professional Counselor (LPC) from the Texas State Board of Examiners of Psychologists or from boards in other states which have similar requirements.

Admission to the graduate program in the Department of Psychology is competitive. A student may be admitted to the graduate program if, in the judgment of the faculty, his or her qualifications indicate a strong likelihood of successful completion of the graduate program. It should be noted that not all qualified students can be admitted. Non-psychology majors or minors may be required to take undergraduate prerequisites as a part of their first year of enrollment. The department considers the entire packet of information in the application for admission. Students are selected on the basis of their total record of academic achievement, GRE scores, letters of recommendation, and relevant experience.

Specific requirements are:

1. A minimum overall GPA of 2.75
2. A minimum GPA of 2.75 in psychology coursework
3. Graduate Records Examination (GRE) score
4. Application, vitae/resume, all college transcripts
5. Personal statement
6. Letters of recommendation (3)
7. Application processing fee \$50.00 Resident \$75.00 International
8. An interview with one or more members of the of the department's Admissions Committee.
9. A minimum of twelve (12) semester credit hours of undergraduate psychology.
10. If international, a TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the internet based test is required, an official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

Code	Title	Hours
	Foundtation Courses (p. 494)	30
	Concentration Requirements (p. 494)	30
Total Hous		60

Foundation Courses

Code	Title	Hours
PSY 530	Theory of Psychological Testing	3
PSY 533	Survey Psy Statistics	3
PSY 534	Learning & Motivation	3
PSY 536	Behavior Management	3
PSY 538	Group Therapy	3
PSY 539	Human Growth and Development	3
PSY 631	Research Design	3
PSY 632	Theories of Counseling and Psychological Inerventions	3
PSY 633	Psycho-Ed Diag & Treatment	3
PSY 635	Psychological Counseling, Interviewing, and Report Writing	3
Total Hours		30

Concentration Requirements

Code	Title	Hours
PSY 637	Personality Assessment	3
PSY 638	Career Development	3
PSY 639	Cross-Cultural Psychology	3
PSY 730	Eth & Legal Issues in Men Hlth	3
PSY 732	Social Psychology	3
PSY 733	Physiological Psychology	3
PSY 735	Practicum	3
PSY 736	Practicum	3
PSY 737	Practicum	3
PSY 739	Psychopathology	3
Total Hours		30

Psychology (School Psychology Concentration), Master of Arts

The **School Psychology** concentration is designed for students interested in the theory and practice of school psychology. This concentration requires an additional 12 semester credit hours for a total of sixty-six (66) semester credit hours. The first year is devoted to preparation in the basic foundations of psychology, including ethics, counseling theory, and the assessment and diagnosis of learning, emotional and behavioral problems. The second year includes training in counseling, consultation, intervention strategies, supervised practicum(150 clock hours), and an internship of not fewer than 1,200 clock hours, of which 600 must be in a public school. Upon completion of this concentration and an acceptable score on the National School Psychology Examination, students are eligible to apply for licensure as a Licensed Specialist in School Psychology (LSSP) from the Texas State Board of Examiners of Psychologist or from boards in other states which have similar requirements.

Admission to the graduate program in the Department of Psychology is competitive. A student may be admitted to the graduate program if, in the judgment of the faculty, his or her qualifications indicate a strong likelihood of successful completion of the graduate program. It should be noted that not all qualified students can be admitted. Non-psychology majors or minors may be required to take undergraduate prerequisites as a part of their first year of enrollment. The department considers the entire packet of information in the application for admission. Students are selected on the basis of their total record of academic achievement, GRE scores, letters of recommendation, and relevant experience.

Specific requirements are:

1. A minimum overall GPA of 2.75
2. A minimum GPA of 2.75 in psychology coursework
3. Graduate Records Examination (GRE) score
4. Application, vitae/resume, all college transcripts
5. Personal statement
6. Letters of recommendation (3)
7. Application processing fee \$50.00 Resident \$75.00 International
8. An interview with one or more members of the of the department's Admissions Committee.
9. A minimum of twelve (12) semester credit hours of undergraduate psychology.
10. If international, a TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the internet based test is required, an official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

Core Curriculum Requirements

Code	Title	Hours
PSY 530	Theory of Psychological Testing	3
PSY 533	Survey Psy Statistics	3
PSY 534	Learning & Motivation	3
PSY 536	Behavior Management	3
PSY 538	Group Therapy	3
PSY 539	Human Growth and Development	3
PSY 631	Research Design	3

PSY 632	Theories of Counseling and Psychological Interventions	3
PSY 633	Psycho-Ed Diag & Treatment	3
PSY 635	Psychological Counseling, Interviewing, and Report Writing	3
PSY 637	Personality Assessment	3
PSY 638	Career Development	3
PSY 639	Cross-Cultural Psychology	3
PSY 730	Eth & Legal Issues in Men Hlth	3
PSY 731	Role of School Psychologist	3
PSY 732	Social Psychology	3
PSY 733	Physiological Psychology	3
PSY 735	Practicum	3
PSY 739	Psychopathology	3
PSY 834	Consultation and Program Design in School Psychology	3
"PSY 899	School Psychology"	6
Total Hours		66

Department of Sociology

The **Department of Sociology** at Texas Southern University offers the Master of Arts degree with an emphasis on urban/applied sociology. Consistent with the University's focus on "urban programming" the Master of Arts Degree in Sociology emphasizes research into the complex social problems experienced by diverse urban populations, public responses to these problems in America and elsewhere, and the practical application of data in ameliorating or improving the condition of urban populations. Although students are trained with an emphasis on sociological theory and methods, this program intensely addresses substantive topics such as social stratification in education, employment and health as well as poverty, discrimination, and the role of media in these conversations. In addition to coursework in urban/applied, optional coursework is offered which emphasizes the training of students who will apply their sociological skills in nonacademic professions on the local, state, and national levels. Ultimately, the Master of Arts Degree in Sociology at Texas Southern University emphasizes research in urban environments which produce data to be used in understanding and addressing the living condition of varied urban populations. Toward that end, this program seeks to accomplish the following objectives:

1. Prepare graduates for successful transition into doctoral programs.
2. Prepare graduates for careers in applied sociology professions.
3. Provide graduates with the requisite skills for conducting sociological research in urban areas.

Degree Requirements

1. **Thesis option:** Completion of thirty-six (36) semester hours of graduate work, which includes twelve (12) semester credit hours of required courses, with a grade point average of at least 3.0; eighteen (18) semester credit hours of electives, with a grade point average of at least 3.0; successful completion of six (6) thesis hours; demonstration of competency in functional English; the successful completion of a written comprehensive examination; and the successful defense of a thesis.
2. **Non-thesis Option:** Completion of thirty-six (36) semester credit hours of graduate work, which includes twelve (12) semester credit hours of required courses with a grade point average of at least 3.0; eighteen

(18) semester credit hours of electives, with a grade point average of at least 3.0; successful completion of six (6) internship hours; demonstration of competency in functional English; and successful completion of a written comprehensive examination.

- Sociology (Non-Thesis Option), Master of Arts (p. 497)
- Sociology (Thesis Option), Master of Arts (p. 497)

SOC 525 Fundamentals of Sociology (3 Credits)

FUNDAMENTALS OF SOCIOLOGY (3) Introduction to central concepts, methods, and professional practices in sociology; development of basic skills used in theoretical and empirical work; and orientation to the discipline and this Department of Sociology.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 530 Topical Seminar (3 Credits)

TOPICAL SEMINAR (3) An analysis of contemporary sociological issues affecting individuals and groups in a rapidly changing society.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 532 Sociology Of Religion (3 Credits)

SOCIOLOGY OF RELIGION (3) Examination of social dimensions of religion, the relationship between religion and society, sociological theories of religion, religious organizations and behavior, religion and social change, secularization and the future of religion.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 539 Seminar in Urban Sociology (3 Credits)

SEMINAR IN URBAN SOCIOLOGY (3) Social and demographic characterization and organization of urban communities with emphasis on techniques of identifying structures, institutions, systems and leadership.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 545 Sociology of Family (3 Credits)

SOCIOLOGY OF THE FAMILY (3) Key concepts and processes of family sociology with application to sexuality, partner selection, transition to parenthood, parenting and children, housework and paid work, domestic violence and child abuse, divorce and marriage, grandparenting, care giving, and alternative families.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 554 Advanced Sociological Statist (3 Credits)

ADVANCED SOCIOLOGICAL STATISTICS (3) Advanced statistical methods with emphasis on multiple regression techniques.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 557 Advanced Sociological Theory (3 Credits)

ADVANCED SOCIOLOGICAL THEORY (3) Examination of the major theoretical orientations in sociology, with special attention given to the early history of conflict theory, functionalism, and symbolic interaction.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 559 Urban Research Methods (3 Credits)

URBAN RESEARCH METHODS (3) Examination of urban indicators, research design, and field problems in urban research.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 623 Seminar In Social Psychology (3 Credits)

SEMINAR IN SOCIAL PSYCHOLOGY (3) Examination of selected social psychological theories and their current role and status.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 632 Black Sociology (3 Credits)

BLACK SOCIOLOGY (3) Examination of African and African American contributions to the development of social scientific knowledge.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 634 Crim Jus & Urban Comm (3 Credits)

CRIMINAL JUSTICE AND THE URBAN COMMUNITY (3) Critical analysis of the subsystems of the criminal justice system and their impact on the urban community.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 639 Seminar In Urban Pol Sociology (3 Credits)

SEMINAR IN URBAN POLITICAL SOCIOLOGY (3) The application of sociological theory and analysis to political processes and systems in urban settings.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 655 Internship (3 Credits)

SOC 655A INTERNSHIP (3) Supervised work and instruction in formal organizations relevant to the student's area of specialization. Must take parts A and B for credit. SOC 655B INTERNSHIP (3) Supervised work and instruction in formal organizations relevant to the student's area of specialization. Must complete parts A and B for credit

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 710 Seminar in Soc Stratification (3 Credits)

SEMINAR IN SOCIAL STRATIFICATION (3) Theoretical analysis of how social class, status, and power shape social relations, determine life chances, and affect attitudes, opinions, and political choices of individuals and groups, all of which perpetuate systems of class, gender, and race inequality, and degree of social mobility in societies.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 715 Sociology of Learning (3 Credits)

SOCIOLOGY OF LEARNING (3) Examination of schools and classrooms as social environments and sociocultural principles for desired teaching strategies and learning.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 720 Sem In Clinical Soc (3 Credits)

SEMINAR IN CLINICAL SOCIOLOGY (3) Presentation and analysis of the creation of sociological knowledge and the clinical application of that knowledge to various settings of group life.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 739 Sem in Public and Soc Policy (3 Credits)

SEMINAR IN PUBLIC AND SOCIAL POLICY (3) Policy analysis, design and implementation issues related.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 750 Race and Ethnicity (3 Credits)

RACE and ETHNICITY (3) Analysis of social factors affecting racial and ethnic groups.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 820 Fam Ther & Fam Relations (3 Credits)

FAMILY THERAPY AND FAMILY RELATIONS (3) Analysis of various issues in family relations and of the various therapeutic approaches in marital and family therapy.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 840 Seminar in Gerontology (3 Credits)

SEMINAR IN GERONTOLOGY (3) Examination of sociological theories and analyses relevant to various socio-cultural components of aging.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 857 Advanced Sociological Theory (3 Credits)

ADVANCED SOCIOLOGICAL THEORY (3) Advanced analysis of recent developments in sociological theory, including the relationship of theory to empirical research.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 859 Advance Project Design (3 Credits)

ADVANCED PROJECT DESIGN (3) Research and project problem definition, research and project design.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 880 Sociology of Hlth and Medicine (3 Credits)

SOCIOLOGY OF HEALTH AND MEDICINE (3) The analysis of present and emerging sociological conceptualizations designed to understand the development, functions, organization and processes involved in contemporary systems of health and medicine.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 893 Environmental Sociology (3 Credits)

ENVIRONMENTAL SOCIOLOGY (3) Critical analysis of the relationships between various modes and patterns of social organization and man environment relations.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 896 Industrial Sociology (3 Credits)

INDUSTRIAL SOCIOLOGY (3) Planning, organizational, and infrastructural development for effective analysis of industrial planning, organizational and infrastructural development at the macro level and application and application of sociological principles of resource acquisition, processing, and product distribution.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 899 Thesis (3 Credits)

THESIS (3) Project development, data collection and analysis.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 930 Soc Of Higher Ed (3 Credits)

SOCIOLOGY OF EDUCATION (3) Mainstream and critical theories of how society shapes the purposes, processes, and organization of schools; current policy issues and sources of national education data, with primary focus on United States elementary, secondary schools, and post secondary schools.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

SOC 950 Sem in Sociotherapy & Psych (3 Credits)

SEMINAR IN SOCIOTHERAPY AND PSYCHOTHERAPY (3) Examination of the social system approaches and the implications for diagnosis, therapeutic intervention and change.

College/School: Liberal Arts & Behavioral Scie

Department: Dept of Sociology

Sociology (Non-Thesis Option), Master of Arts

Admission Criteria

In addition to the general requirements for admission to the Graduate School (see the *General Information section of this catalog*), applicants for admission to the Master of Arts program in sociology are expected to have completed an undergraduate major or minor in sociology or a related discipline. Students who do not meet these criteria may be required to enroll in undergraduate sociology courses before being fully admitted into the program. All application materials should be submitted to the **Texas Southern University Graduate School, not to the Department of Sociology**. The Department of Sociology Graduate Program Committee will review all applications and make recommendations to the Dean of the Graduate School.

Curriculum Summary

Code	Title	Hours
	Core Curriculum (Non-Thesis) (p. 497)	18
	Electives (p. 497)	18
Total Hours		36

General Core Curriculum Requirements (Non-Thesis)

Code	Title	Hours
SOC 525	Fundamentals of Sociology ¹	3
SOC 554	Advanced Sociological Statist	3
SOC 557	Advanced Sociological Theory	3
SOC 559	Urban Research Methods	3
SOC 655	Internship (A&B)	6
Total Hours		18

¹ SOC 525 Fundamentals of Sociology—is required for students who do not have an undergraduate major or minor in sociology and may be taken by other students as an elective.

Elective Requirements

Code	Title	Hours
	Select six courses from the following:	18
SOC 530	Topical Seminar	

SOC 532	Sociology Of Religion
SOC 539	Seminar in Urban Sociology
SOC 545	Sociology of Family
SOC 623	Seminar In Social Psychology
SOC 632	Black Sociology
SOC 634	Crim Jus & Urban Comm
SOC 639	Seminar In Urban Pol Sociology
SOC 710	Seminar in Soc Stratification
SOC 715	Sociology of Learning
SOC 720	Sem In Clinical Soc
SOC 739	Sem in Public and Soc Policy
SOC 750	Race and Ethnicity
SOC 820	Fam Ther & Fam Relations
SOC 840	Seminar in Gerontology
SOC 857	Advanced Sociological Theory
SOC 859	Advance Project Design
SOC 880	Sociology of Hlth and Medicine
SOC 893	Environmental Sociology
SOC 896	Industrial Sociology

Total Hours 18

Sociology (Thesis Option), Master of Arts

Admission Criteria

In addition to the general requirements for admission to the Graduate School (see the *General Information section of this catalog*), applicants for admission to the Master of Arts program in sociology are expected to have completed an undergraduate major or minor in sociology or a related discipline. Students who do not meet these criteria may be required to enroll in undergraduate sociology courses before being fully admitted into the program. All application materials should be submitted to the **Texas Southern University Graduate School, not to the Department of Sociology**. The Department of Sociology Graduate Program Committee will review all applications and make recommendations to the Dean of the Graduate School.

Curriculum Summary

Code	Title	Hours
	Core Curriculum (Thesis) (p. 497)	18
	Electives (p. 498)	18
Total Hours		36

General Core Curriculum Requirements (Thesis)

Code	Title	Hours
SOC 525	Fundamentals of Sociology ¹	3
SOC 554	Advanced Sociological Statist	3
SOC 557	Advanced Sociological Theory	3
SOC 559	Urban Research Methods	3
SOC 899	Thesis (A&B) ²	6
Total Hours		18

¹ SOC 525 Fundamentals of Sociology—is required for students who do not have an undergraduate major or minor in sociology and may be taken by other students as an elective.

² Thesis research courses receive grades of satisfactory or unsatisfactory only. Grades are assigned only after the defense of the thesis. A successful defense and submission of the thesis requires the supervising member of the faculty to assign a satisfactory grade for the appropriate research course.

Elective Requirements

Code	Title	Hours
Select six courses from the following:		18
SOC 530	Topical Seminar	
SOC 532	Sociology Of Religion	
SOC 539	Seminar in Urban Sociology	
SOC 545	Sociology of Family	
SOC 623	Seminar In Social Psychology	
SOC 632	Black Sociology	
SOC 634	Crim Jus & Urban Comm	
SOC 639	Seminar In Urban Pol Sociology	
SOC 710	Seminar in Soc Stratification	
SOC 715	Sociology of Learning	
SOC 720	Sem In Clinical Soc	
SOC 739	Sem in Public and Soc Policy	
SOC 750	Race and Ethnicity	
SOC 820	Fam Ther & Fam Relations	
SOC 840	Seminar in Gerontology	
SOC 857	Advanced Sociological Theory	
SOC 859	Advance Project Design	
SOC 880	Sociology of Hlth and Medicine	
SOC 893	Environmental Sociology	
SOC 896	Industrial Sociology	
Total Hours		18

College of Education

The mission of the College of Education is to provide competent professionals for effective service in urban schools, agencies and other entities using research and collaboration in seeking solutions to teaching, learning, and behavioral challenges facing urban schools, agencies and other entities using research and collaboration in seeking solutions to teaching, learning, and behavioral challenges facing urban populations. The College of Education is committed to preparing candidates to become effective professionals who will be caring, competent, committed, and culturally responsive, with a focus on the preparation of educators for urban school settings.

The **College of Education** offers:

- the Master of Education (M.Ed.),
- the Master of Science (M.S.), and
- the Doctor of Education (Ed.D.) degrees.

The Master of Education is offered in the Departments of:

- Counseling,
- Curriculum and Instruction, and
- Educational Administration and Foundations.

The Master of Science degree is offered in the Department of:

- Health and Kinesiology.

The Doctor of Education degree (Ed.D.) is offered through:

- the Department of Counseling,
- the Department of Curriculum and Instruction, and
- the Department of Educational Administration and Foundations.

Master's Degree Programs

Master of Education in Counseling

The program of study leading to the Master of Education in Counseling is designed to prepare prospective counselors with the tools and techniques essential for an understanding of the individual's educational, vocational, health, and social problems. The degree requires sixty (60) semester hours for clinical mental health counseling, sixty (60) semester hours for rehabilitation counseling and sixty (60) semester hours for school counseling; which includes a practicum in a school and/or social agency setting.

Master of Education in Curriculum and Instruction

The Master of Education in Curriculum and Instruction is designed to strengthen professional competence of what and how to teach for both certified and non-certified candidates. The Department of Curriculum and Instruction offers six (6) different areas of specialization:

- Early Childhood Education,
- Bilingual Education,
- Instructional Technology,
- Reading Education,
- Special Education and
- Secondary Education.

The choice of specialization at the secondary level (8-12) is limited to subjects taught in secondary schools (English, Mathematics, Science, etc.). The program consists of 36 semester credit hours. The M.Ed. is a non-thesis program.

Master of Education in Educational Administration

The Master of Education in Educational Administration is designed to prepare individuals for the role of principal and other administrative positions. The program focuses on helping potential administrators become more humanistic in their approach to the solution of problems.

Special attention is given to the decision-making process and to stressing the worth of the individuals who make up student groups, teaching staffs and the school community.

Master of Science in Health and Kinesiology

The Master of Science in Health and Kinesiology is to prepare students for the fields of Health, Physical Education, and Sport through integrating theoretical and applied practice to promote active learning and career preparation.

Criteria for Admission

For admission to the Graduate School as a degree applicant, all of the following conditions must be met:

1. Undergraduate GPA of 2.5 or better; or 3.0 on last 60 hours
2. If required by the graduate degree program, GRE (General) or GMAT for Business programs (must be within five (5) years of your application date).
3. 3 letters of recommendation
4. Resume or Curriculum Vitae (current)
5. Personal Essay (300 – 500 words)
6. Application fee (\$75): Your application will not be processed until the fee is received.
7. Transcript (s): 2 copies sent directly to TSU from the institutions.

In addition to Items 1 through 7, International Students need to also supply the following information:

1. Affidavit of Support
2. Transcript Evaluation
3. TOEFL = 79 or IELTS (iBT) = 6.0 (if not from an English speaking country)

Successful applications who do not score 3.5 on the analytical writing portion of the GRE or GMAT will be required to demonstrate English proficiency by successfully completing the course English 501 Graduate Professional Writing.

Transcripts, payment if not paying online, and test scores should be mailed to:

The Graduate School
Texas Southern University
TSU Box #1254
3100 Cleburne
Houston, TX 77004

Additional documents can also be emailed to our graduate admissions email address at: graduateadmissions@tsu.edu. Please be sure to mail the application fee of \$50 (\$75 for international applicants), check or money order payable to Texas Southern University, to the address above. No applications will be processed without payment of the application fee.

*English Proficiency Requirement: Each graduate student who is admitted as a degree or certificate applicant must have an Analytical Writing score of 3.5 or above on GRE or GMAT exam. If the student does not score that high or does not take the exam during the first semester of enrollment, he or she must enroll in English 501.

Applications for admission to all graduate degree programs of the University are processed through the Graduate School of the University. All applications for admission to a major program are reviewed by a designated representative of the academic department and recommendations are submitted to the Dean of the Graduate School. Persons interested in applying for admission to the Graduate School should write directly to the office of the Graduate School.

Types of Admission

Unconditional - An applicant who is unconditionally admitted to the Graduate School is immediately eligible to pursue a program of study leading to the Master's degree or the Professional Certificate. Each

applicant should choose a field of specialization and work out a degree plan in consultation with his advisor.

Transient Students - Students who are enrolled in the graduate school of another university may take up to six (6) graduate credit hours at Texas Southern University upon the recommendation of an appropriate official of the student's home institution.

Criteria for Admission to the College of Education

Applicants for admission to the College of Education as a degree applicant, must meet all of the above conditions. Successful applicants who do not score 3.5 on the analytical writing portion of the GRE will be required to demonstrate English proficiency by successfully completing the course English 501 Graduate Professional Writing.

Note: Dissertation or thesis research courses receive grades of satisfactory or unsatisfactory (no other letter grades will be awarded for these courses/credit-hours).

C

- Counseling (Clinical Mental Health Counseling Concentration), Master of Education (p. 504)
- Counseling (Rehabilitation Counseling Concentration), Master of Education (p. 504)
- Counseling (School Counseling Concentration), Master of Education (p. 505)
- Counseling, Doctor of Education (p. 506)
- Curriculum and Instruction (Bilingual Education Concentration), Master of Education (p. 514)
- Curriculum and Instruction (Early Childhood Education Concentration), Master of Education (p. 514)
- Curriculum and Instruction (Instructional Technology Concentration), Master of Education (p. 514)
- Curriculum and Instruction (Reading Education Concentration), Master of Education (p. 515)
- Curriculum and Instruction (Secondary _____ Concentration), Master of Education (p. 515)
- Curriculum and Instruction (Special Education Concentration), Master of Education (p. 515)
- Curriculum and Instruction, Doctor of Education (p. 516)

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- Educational Administration (Community College Leadership Concentration), Doctor of Education (p. 522)
- Educational Administration (Higher Education Administration Concentration), Doctor of Education (p. 525)
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- Educational Administration with Principal Certification, Master of Arts (p. 528)
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H

- Health & Kinesiology (Health Education Concentration), Master of Science (p. 539)

- Health & Kinesiology (Kinesiology Concentration), Master of Science (p. 540)

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- Professional Principal Certification (p. 531)

S

- Sport Studies and Sport Leadership (Sport Administration Concentration Non-Thesis), Master of Science (p. 541)
- Sport Studies and Sport Leadership (Sport Administration Concentration Thesis Option), Master of Science (p. 541)
- Sport Studies and Sport Leadership (Sport Management Concentration Non-Thesis), Master of Science (p. 542)
- Sport Studies and Sport Leadership (Sport Management Concentration Thesis Option), Master of Science (p. 543)
- Superintendent Certification (p. 533)

Department of Counseling

The Mission of the Department of Counseling is to prepare counselors who value equity and equality, to meet the demands of a culturally and linguistically diverse clientele through a special emphasis on knowledge bases and internships in an urban setting. The Counseling program will prepare counselors to fulfill the following roles:

- Serve as advocates, leaders, counselors, and consultants to increase the options of clients they serve;
- Become managers of resources and partnership builders, enlisting the support of stakeholders in the local, national and international communities;
- Develop in students a commitment to achieve and provide conditions that enable clients to accomplish their goals; Serve as problem solvers for clients living in an urban environment in particular, as well as those attempting to cope with societal demands in non-urban settings; and
- Develop professionals capable of conducting research germane to urban challenges.

The Department of Counseling offers three programs leading to professional certification: Clinical Mental Health Counseling, Rehabilitation Counseling and School Counseling.

The **Clinical Mental Health Counseling Concentration** prepares candidates to become counselors in community agencies and other private sectors. In addition to completing core counseling courses, candidates are required to complete courses specific to Clinical Mental Health Counseling. This concentration meets the requirements for Licensure as a Professional Counselor in Texas, as well as the requirements for the National Board for Certified Counselors.

The **Rehabilitation Counseling Concentration** prepares candidates to become Rehabilitation Counselors in either the public state agency or to provide services in the private sector. Once candidates complete core counseling courses, each is required to complete the appropriate courses relevant to Rehabilitation Counseling. The Rehabilitation Counseling concentration will allow candidates to qualify to take the Certified Rehabilitation Counseling examination.

The **School Counseling Concentration** prepares candidates to become PreK-12 School Counselors. Candidates become familiar with the design and implementation of the comprehensive developmental guidance and

counseling model. In addition to core counseling courses, candidates take courses specific to School Counseling. The School Counseling concentration meets the requirements for the Texas School Counselor Certification.

Degree Requirements

1. Secure departmental recommendation for candidacy status for the Master's degree in Counseling.
2. A student in the Counseling program who fails to maintain a "B" or better grade point average (GPA) in COUN 593, COUN733, COUN843 and COUN833 (for Clinical Mental Health) or COUN878 (for Rehabilitation) or COUN539 (for School Counseling), (the first 12 hours in the program), will be placed on academic probation that includes an approved Remediation Plan if the grade point average is 2.5 or better. If a student has a grade point average below 2.5, he or she is subject to dismissal from the Counseling Program. The student, faculty advisor and dean will sign the Remediation Plan specifying specific actions and date of completion. If the Remediation Plan is not completed, the student is subject to dismissal from the program. Pass the Interpersonal Skills Evaluation.
3. Complete 600 hours of internship in a setting appropriate to area of specialization or counseling concentration.
4. Take and pass the College of Education Comprehensive Examination for the master's degree. A master's degree student may be allowed three attempts to pass the comprehensive examination. A student who fails the comprehensive examination the second time may petition for a third examination and the petition must show a plan of action wherein the petitioner will endeavor to improve his/her chances for satisfactorily passing the examination. The academic advisor, department chairperson and the Dean of the College of Education and the Dean of the Graduate School must approve the petition. A student who fails to pass the master's comprehensive examination after the third attempt will be automatically discontinued as a student in the relevant master's program.
5. Complete the semester hour requirements specified for the designated course of study.

Approved Electives

Code	Title	Hours
COUN 810	Coun Children & Adolescents	3
COUN 817	Special Topics	3
COUN 821	Counseling Supervision	3
COUN 836	Mental Health & Psychopath	3
COUN 838	Counseling Capstone	3
COUN 841	Family Counseling	3
COUN 843	Play Therapy	3
COUN 847	Consultation Theory & Practice	3

- Counseling (Clinical Mental Health Counseling Concentration), Master of Education (p. 504)
- Counseling (Rehabilitation Counseling Concentration), Master of Education (p. 504)
- Counseling (School Counseling Concentration), Master of Education (p. 505)
- Counseling, Doctor of Education (p. 506)

COUN 539 School Counseling (3 Credits)

SCHOOL COUNSELING (3) A course designed to provide students with and understanding of the developmental guidance program as well as the role of the school counselor. (No prerequisites)

College/School: College Of Education

Department: Dept of Counseling

COUN 593 Human Growth and Development (3 Credits)

HUMAN GROWTH AND DEVELOPMENT (3) A study of the genesis and transformation of psychological functions with particular reference to the acquisition of motor skills, language, attitudes, values, and group identification through the life span. (No prerequisites)

College/School: College Of Education

Department: Dept of Counseling

COUN 611 Appraisal & Assessment Techniq (3 Credits)

APPRAISAL and ASSESSMENT TECHNIQUES (3) A course with focuses on the educational and social issues related to testing and the use of test results. (Prerequisite: EPSY 831)

Prerequisite(s): EPSY 831

College/School: College Of Education

Department: Dept of Counseling

COUN 633 Counseling Research (3 Credits)

COUNSELING RESEARCH and PROGRAM EVALUATION (3) Students experience in planning, implementing, and evaluating research and programs. (Prerequisite: EPSY 831)

College/School: College Of Education

Department: Dept of Counseling

COUN 638 Org & Admin Coun Guid Services (3 Credits)

ORGANIZATION AND ADMINISTRATION OF COUNSELING AND GUIDANCE SERVICES (3) Introduction to planning, organizing and administering guidance services in public schools and other agencies. (Prerequisite: COUN 539 or 832)

Prerequisite(s): COUN 539 or COUN 832

College/School: College Of Education

Department: Dept of Counseling

COUN 733 Sem Soc & Cult Diff (3 Credits)

SEMINAR IN SOCIAL AND CULTURAL DIFFERENCES (3) The analysis of selected differences in varying social and cultural groups within the urban setting. (Prerequisite: COUN 539 or 832)

College/School: College Of Education

Department: Dept of Counseling

COUN 735 Coun Tech (3 Credits)

COUNSELING TECHNIQUES (3) Introduction to and practiced application of counseling techniques as used in today's urban educational and/or professional settings. (Prerequisites: COUN 539 or 832 or 878 and 834)

Prerequisite(s): COUN 539 or COUN 832 or COUN 878 and COUN 593 and COUN 733 and COUN 834 and COUN 876

College/School: College Of Education

Department: Dept of Counseling

COUN 736 Supervised Counseling (3 Credits)

SUPERVISED COUNSELING (3) Development of counseling skills in a supervised laboratory setting. Seminar and field placement. (Prerequisites: COUN 539 or 832 or 878 and 735 and 834)

Prerequisite(s): COUN 735

College/School: College Of Education

Department: Dept of Counseling

COUN 810 Coun Children & Adolescents (3 Credits)

COUNSELING CHILDREN and ADOLESCENTS (3) The skills, knowledge and application of counseling theories and techniques appropriate for children and adolescents. (Prerequisites: COUN 593 and COUN 834)

Prerequisite(s): COUN 593 and COUN 834

College/School: College Of Education

Department: Dept of Counseling

COUN 817 Special Topics (3 Credits)

SPECIAL TOPICS IN COUNSELING (3) Seminar course on rotating topics as chosen by the instructor of record. May be repeated for up to six credit hours. Not for Independent Study (Prerequisite: Consent of Instructor)

College/School: College Of Education

Department: Dept of Counseling

COUN 821 Counseling Supervision (3 Credits)

COUNSELING SUPERVISION (3) Knowledge and skill development in supervision in clinical and education settings. (Prerequisite: COUN 839)

Prerequisite(s): COUN 839

College/School: College Of Education

Department: Dept of Counseling

COUN 832 Community Agency Counseling (3 Credits)

COMMUNITY AGENCY COUNSELING (3) A course with focuses on knowledge and skills needed for professional community agency counselors with urban emphasis. (No prerequisites)

College/School: College Of Education

Department: Dept of Counseling

COUN 833 Clinical Mental Health Counseling (3 Credits)

This course focuses on the foundation of clinical mental health. The course includes an exploration of the history, philosophy, trends, and practice of clinical mental health counseling, the roles and functions of clinical supervision; professional organizations, preparation standards and other related professional issues. 3 credit hours per week.

College/School: College Of Education

Department: Dept of Counseling

COUN 834 Coun & Personality Theories (3 Credits)

COUNSELING AND PERSONALITY THEORIES (3) An introduction to counseling and personality theories and the helping relationship. (No prerequisites)

College/School: College Of Education

Department: Dept of Counseling

COUN 836 Mental Health & Psychopath (3 Credits)

MENTAL HEALTH and PSYCHOPATHOLOGY (3) A course with focuses on diagnosis, treatment, and evaluation of clients in a clinical setting as described by the DSM (Prerequisites: COUN 539 or 832 or 878; and 593, 733, 834; and 876))

Prerequisite(s): COUN 539 or COUN 832 or COUN 878 and COUN 593 and COUN 733 and COUN 834 and COUN 876

College/School: College Of Education

Department: Dept of Counseling

COUN 838 Counseling Capstone (3 Credits)

A course designed to provide students with a review of foundation information learned in the program. e credit hours per week.

College/School: College Of Education

Department: Dept of Counseling

COUN 839 Practicum I (3 Credits)

PRACTICUM I (3) Supervised practice in an agency or school setting. Must be repeated if all contact hours are not completed in one semester. Lab fee. (Prerequisites: 36 hours of completed graduate hours including COUN 735, 736, 890, and written consent of the cooperating field setting)

Prerequisite(s): (COUN 735 and COUN 736 and COUN 836 and COUN 890)

College/School: College Of Education

Department: Dept of Counseling

COUN 840 Practicum II (3 Credits)

PRACTICUM II (3) Supervised practice in an agency or school setting. Must be repeated if all contact hours are not completed in one semester. Lab fee. (Prerequisites: completion of COUN 839 and written consent of the cooperating field setting)

Prerequisite(s): COUN 839

College/School: College Of Education

Department: Dept of Counseling

COUN 841 Family Counseling (3 Credits)

FAMILY COUNSELING (3) Study of the various theories of family counseling and therapy with emphasis on applications in educational and community environments. (Prerequisites: COUN 539 or 832 or 878; and 593, 733, 834, and 876)

Prerequisite(s): COUN 539 or COUN 832 or COUN 878 and COUN 593 and COUN 733 and COUN 834 and COUN 876

College/School: College Of Education

Department: Dept of Counseling

COUN 843 Play Therapy (3 Credits)

PLAY THERAPY (3) A course designed for the purpose of studying theory, techniques, and issues related to counseling using play therapy. (Prerequisites: COUN 539 or 832 or 878; and 593, 733, 810, 834, and 876)

Prerequisite(s): COUN 539 or COUN 832 or COUN 878 and COUN 593 and COUN 733 and COUN 834 and COUN 876

College/School: College Of Education

Department: Dept of Counseling

COUN 845 Crisis Intervention (3 Credits)

CRISIS INTERVENTION (3) Study of the theory and methods of delivering crisis counseling in educational and community environments. (Prerequisites: COUN 539 or 832 or 878; and 593, 733, 834, and 876)

Prerequisite(s): COUN 539 or COUN 832 or COUN 878 and COUN 593 and COUN 733 and COUN 834 and COUN 876

College/School: College Of Education

Department: Dept of Counseling

COUN 847 Consultation Theory & Practice (3 Credits)

This course will provide an overview of consultation theories for the professional counselor and help students develop consultation skills for school, agencies and other clinical organizational settings. 3 credit hours.

College/School: College Of Education

Department: Dept of Counseling

COUN 851 Substance Abuse Counseling (3 Credits)

SUBSTANCE ABUSE COUNSELING (3) A course focusing on models, counseling strategies, techniques and skill development involved in substance abuse treatment. (Prerequisites: COUN 539 or 832 or 878; and 593, 733, 834, and 876)

Prerequisite(s): COUN 539 or COUN 832 or COUN 878 and COUN 593 and COUN 733 and COUN 834 and COUN 876

College/School: College Of Education

Department: Dept of Counseling

COUN 852 Addictions Counseling (3 Credits)

This course covers the theory, research and practice of addictions counseling. Exploration of prevention and intervention of substance abuse, gambling, food, drugs and other types of addictions are included in this course. 3 credit hours per week.

College/School: College Of Education

Department: Dept of Counseling

COUN 860 Pre-Practicum (3 Credits)

This is a supervised pre-practicum experience in an approved agency, rehabilitation, or school site. Students must complete a minimum of 130 hours are required. Seminar and field experience. 3 credit hours per week.

College/School: College Of Education

Department: Dept of Counseling

COUN 861 Internship I (3 Credits)

This is a supervised counseling practice in an approved agency, rehabilitation, or school site. Must repeat if all contact hours are not completed in a semester. Students receive training and engage in appropriate counseling practices with clinical staff/professional counselors, must complete 300 clock hours. 3 credit hours.

College/School: College Of Education

Department: Dept of Counseling

COUN 862 Internship II (3 Credits)

This is a supervised practice in an approved agency, rehabilitation, or school site. Must repeat if all contact hours are not completed in a semester. Students receive training and engage in appropriate counseling practices with clinical staff/professional counselors; must complete 300 clock hours. 3 credit hours per week.

College/School: College Of Education

Department: Dept of Counseling

COUN 876 Career and Lifestyle Dev (3 Credits)

CAREER AND LIFESTYLE DEVELOPMENT (3) The study of techniques and theories used by counselors to assist individuals in making informed choices for future career development. (No prerequisites)

College/School: College Of Education

Department: Dept of Counseling

COUN 878 Intro to Rehabilitation Coun (3 Credits)

INTRODUCTION TO REHABILITATION COUNSELING (3) An introduction to the field of rehabilitation counseling to include processes, facilities, and personnel involved (No prerequisites)

College/School: College Of Education

Department: Dept of Counseling

COUN 879 Med Psy Aspect Disability (3 Credits)

MEDICAL and PSYCHOSOCIAL ASPECTS TO DISABILITIES (3) A course focusing on medical aspects of disabilities, medical terminology, and functional implications of disabilities. (No prerequisites)

Prerequisite(s): COUN 878

College/School: College Of Education

Department: Dept of Counseling

COUN 890 Group Counseling (3 Credits)

GROUP COUNSELING (3) A course which develops knowledge and understanding of current group practices and knowledge of organizing, facilitating and evaluating groups. (Prerequisites: COUN 735 and COUN 736)

Prerequisite(s): COUN 735 and COUN 736

College/School: College Of Education

Department: Dept of Counseling

COUN 895 Ethics & Prof Issues Coun (3 Credits)

ETHICS AND PROFESSIONAL ISSUES IN COUNSELING (3) A general survey of professional, ethical and legal concerns facing the practicing counselor as applicable to school and community agencies in the urban setting. For licensure/certification (No prerequisites)

College/School: College Of Education

Department: Dept of Counseling

COUN 896 Advanced Ethics (3 Credits)

A course in professional counseling ethics with emphasis on professional practice, records management, overview of business/family law and the study of current rules of the Texas State Board of Examiners of Professional Counselors. 3 credit hours per week.

Prerequisite(s): COUN 895

College/School: College Of Education

Department: Dept of Counseling

COUN 910 Counseling the Adolescent (3 Credits)

COUNSELING THE ADOLESCENT (3) Growth and development of adolescents will be examined. Peer pressure will be explored as related to social growth. Focus will be placed in adolescent issues and therapeutic treatment.

College/School: College Of Education

Department: Dept of Counseling

COUN 911 Ind Appraisal In Coun (3 Credits)

INDIVIDUAL APPRAISAL IN GUIDANCE (3) Analysis and techniques of individual appraisal in guidance and counseling services.

College/School: College Of Education

Department: Dept of Counseling

COUN 912 Prin & Found Of Coun (3 Credits)

PRINCIPLES AND FOUNDATIONS (3) Philosophical, psychological and Sociological concepts fundamental to guidance and related professions; rationales and models designed to integrate guidance functions and curriculum.

College/School: College Of Education

Department: Dept of Counseling

COUN 913 Coun & Ind Case Work (3 Credits)

COUNSELING AND INDIVIDUAL CASEWORK (3) Consideration is given to the counseling process, theories of behavior underlying different approaches to counseling.

College/School: College Of Education

Department: Dept of Counseling

COUN 914 Supervised Counseling (3 Credits)

SUPERVISED COUNSELING (3-6) This course is designed to demonstrate skill development utilization modifications of the Micro-counseling Model in a laboratory setting. Individual study with a weekly seminar. May be repeated.

College/School: College Of Education

Department: Dept of Counseling

COUN 915 Vocational Assessment (3 Credits)

VOCATIONAL ASSESSMENT (3) A study of various methods, instruments, and techniques used in determining occupational aptitudes and interest of students.

College/School: College Of Education

Department: Dept of Counseling

COUN 916 Sem Comm Col Stu Pers Servs (3 Credits)

STUDENT PERSONNEL SERVICE (3) An examination and investigation of critical issues in community college personnel work. Seminar reports required.

College/School: College Of Education

Department: Dept of Counseling

COUN 917 Sem IICounseling (3 Credits)

SEMINAR II-COUNSELING SOCIAL ISSUES (3) Courses for advanced students in guidance who wish to make a study of specific problems of their own choosing.

College/School: College Of Education

Department: Dept of Counseling

COUN 918 Probs In Coun (3-6 Credits)

SEMINAR III-URBAN ISSUES IN COUNSELING (3-6) A course affording the opportunity and challenge of self-directive, independent study, enabling the student to pursue needed study in a field appropriate to the curriculum design. Hours to be arranged.

College/School: College Of Education

Department: Dept of Counseling

COUN 919 Internship (3 Credits)

INTERNSHIP (6) Application of academic preparation in a professional employment setting. Independent study with weekly consultation. Hours to be arranged. May be repeated.

College/School: College Of Education

Department: Dept of Counseling

COUN 920 Research in Counseling (3 Credits)

RESEARCH IN COUNSELING (3) Research methods related to counseling issues will be studied. Develop research models for mental health counseling.

College/School: College Of Education

Department: Dept of Counseling

COUN 941 Parent & Family Counseling (3 Credits)

PARENT AND FAMILY COUNSELING (3) The study of family systems and effective strategy for urban family intervention. (Prerequisite: Approval of instructor)

College/School: College Of Education

Department: Dept of Counseling

COUN 942 Marriage & Couples Counseling (3 Credits)

MARRIAGE/COUPLES COUNSELING (3) Application of relationship counseling theory to the study of individual development, interpersonal relationships, marital systems, and conflict resolution. (Prerequisite: Approval of instructor)

College/School: College Of Education

Department: Dept of Counseling

COUN 943 Child Coun & Play Therapy (3 Credits)

CHILD COUNSELING AND PLAY THERAPY (3) The study of learning and behavioral patterns of children and the utilization of play media to facilitate self-expression, selfunderstanding, and personal growth and development.

College/School: College Of Education

Department: Dept of Counseling

COUN 944 Topics in Aging (3 Credits)

TOPICS IN AGING (3) In-depth analysis and discussion of selected significant subjects in aging and geriatrics.

College/School: College Of Education

Department: Dept of Counseling

COUN 951 Drugs & Addiction (3 Credits)

DRUGS AND ADDICTION (3) The special application of principles of drugs and addiction to the urban population.

College/School: College Of Education

Department: Dept of Counseling

COUN 989 Seminar in Counseling (3 Credits)

SEMINAR IN COUNSELING: CASE MANAGEMENT AND TREATMENT (6)

Application of clinical diagnosis with use of Diagnostic and Statistical Manual (DSM) specifically using the diagnostic tree. Treatment plans and case management for short and long-term goals are explored.

College/School: College Of Education

Department: Dept of Counseling

COUN 999 Dissertation (3-12 Credits)

DISSERTATION (6) Research for dissertation. Hours to be arranged.

College/School: College Of Education

Department: Dept of Counseling

Counseling (Clinical Mental Health Counseling Concentration), Master of Education

The **Clinical Mental Health Counseling Concentration** prepares candidates to become counselors in community agencies and other private sectors. In addition to completing core counseling courses, candidates are required to complete courses specific to Clinical Mental Health Counseling. This concentration meets the requirements for Licensure as a Professional Counselor in Texas, as well as the requirements for the National Board for Certified Counselors.

Summary

Code	Title	Hours
	Pre-Qualifying Courses (p. 504)	12
	Core Requirements (p. 504)	30
	Specialization (p. 504)	12
	Institutional Requirements (p. 504)	6
	Total Hours	60

Pre-Qualifying Courses

Code	Title	Hours
COUN 593	Human Growth and Development	3
COUN 733	Sem Soc & Cult Diff	3
COUN 833	Clinical Mental Health Counseling	3
COUN 834	Coun & Personality Theories	3
	Total Hours	12

Core Requirements

Code	Title	Hours
COUN 611	Appraisal & Assessment Techniq	3
COUN 633	Counseling Research	3
COUN 735	Coun Tech	3
COUN 845	Crisis Intervention	3
COUN 852	Addictions Counseling	3
COUN 860	Pre-Practicum	3
COUN 861	Internship I	3

COUN 862	Internship II	3
COUN 876	Career and Lifestyle Dev	3
COUN 890	Group Counseling	3
	Total Hours	30

Specialization

Code	Title	Hours
COUN 821	Counseling Supervision	3
COUN 836	Mental Health & Psychopath	3
COUN 895	Ethics & Prof Issues Coun	3
COUN 896	Advanced Ethics	3
	Total Hours	12

Institutional Requirements

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDFD 576	His Black Ed In America	3
	Total Hours	6

Approved Electives

Code	Title	Hours
COUN 810	Coun Children & Adolescents	3
COUN 817	Special Topics	3
COUN 821	Counseling Supervision	3
COUN 836	Mental Health & Psychopath	3
COUN 838	Counseling Capstone	3
COUN 841	Family Counseling	3
COUN 843	Play Therapy	3
COUN 847	Consultation Theory & Practice	3

Counseling (Rehabilitation Counseling Concentration), Master of Education

The **Rehabilitation Counseling Concentration** prepares candidates to become Rehabilitation Counselors in either the public state agency or to provide services in the private sector. Once candidates complete core counseling courses, each is required to complete the appropriate courses relevant to Rehabilitation Counseling. The Rehabilitation Counseling concentration will allow candidates to qualify to take the Certified Rehabilitation Counseling examination.

Summary

Code	Title	Hours
	Pre-Qualifying Courses (p. 505)	12
	Core Requirements (p. 505)	30
	Specialization (p. 505)	12
	Institutional Requirements (p. 505)	6
	Total Hours	60

Pre-Qualifying Courses

Code	Title	Hours
COUN 593	Human Growth and Development	3
COUN 733	Sem Soc & Cult Diff	3
COUN 834	Coun & Personality Theories	3
COUN 878	Intro to Rehabilitation Coun	3
Total Hours		12

Core Requirements

Code	Title	Hours
COUN 611	Appraisal & Assessment Techniq	3
COUN 633	Counseling Research	3
COUN 735	Coun Tech	3
COUN 845	Crisis Intervention	3
COUN 852	Addictions Counseling	3
COUN 860	Pre-Practicum	3
COUN 861	Internship I	3
COUN 862	Internship II	3
COUN 876	Career and Lifestyle Dev	3
COUN 890	Group Counseling	3
Total Hours		30

Specialization

Code	Title	Hours
COUN 836	Mental Health & Psychopath	3
COUN 879	Med Psy Aspect Disability	3
COUN 895	Ethics & Prof Issues Coun	3
COUN 896	Advanced Ethics	3
Total Hours		12

Institutional Requirements

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDFD 576	His Black Ed In America	3
Total Hours		6

Approved Electives

Code	Title	Hours
COUN 810	Coun Children & Adolescents	3
COUN 817	Special Topics	3
COUN 821	Counseling Supervision	3
COUN 836	Mental Health & Psychopath	3
COUN 838	Counseling Capstone	3
COUN 841	Family Counseling	3
COUN 843	Play Therapy	3
COUN 847	Consultation Theory & Practice	3

Counseling (School Counseling Concentration), Master of Education

The **School Counseling Concentration** prepares candidates to become PreK-12 School Counselors. Candidates become familiar with the design and implementation of the comprehensive developmental guidance and counseling model. In addition to core counseling courses, candidates take courses specific to School Counseling. The School Counseling concentration meets the requirements for the Texas School Counselor Certification.

Summary

Code	Title	Hours
	Pre-Qualifying Courses (p. 505)	12
	Core Requirements (p. 505)	30
	Specialization (p. 505)	12
	Institutional Requirements (p. 506)	6
Total Hours		60

Pre-Qualifying Courses

Code	Title	Hours
COUN 539	School Counseling	3
COUN 593	Human Growth and Development	3
COUN 733	Sem Soc & Cult Diff	3
COUN 834	Coun & Personality Theories	3
Total Hours		12

Core Requirements

Code	Title	Hours
COUN 611	Appraisal & Assessment Techniq	3
COUN 633	Counseling Research	3
COUN 735	Coun Tech	3
COUN 845	Crisis Intervention	3
COUN 852	Addictions Counseling	3
COUN 860	Pre-Practicum	3
COUN 861	Internship I	3
COUN 862	Internship II	3
COUN 876	Career and Lifestyle Dev	3
COUN 890	Group Counseling	3
Total Hours		30

Specialization

Code	Title	Hours
COUN 638	Org & Admin Coun Guid Services	3
COUN 810	Coun Children & Adolescents	3
COUN 841	Family Counseling	3
COUN 895	Ethics & Prof Issues Coun	3
Total Hours		12

Institutional Requirements

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDFD 576	His Black Ed In America	3
Total Hours		6

Approved Electives

Code	Title	Hours
COUN 810	Coun Children & Adolescents	3
COUN 817	Special Topics	3
COUN 821	Counseling Supervision	3
COUN 836	Mental Health & Psychopath	3
COUN 838	Counseling Capstone	3
COUN 841	Family Counseling	3
COUN 843	Play Therapy	3
COUN 847	Consultation Theory & Practice	3

Counseling, Doctor of Education

The Doctor of Education degree program in **Counseling** is designed to prepare graduates who are highly competent in professional counseling skills in research as well as produce effective leaders in educational and human services arenas in the urban community. Building upon the prerequisite of a relevant master's degree, the doctoral student is provided a series of academic, laboratory, and internship experiences aimed at the development of a broad base in educational foundations, a specialization in counseling, and additional breadth in preparation through exposure to a supporting area related to the field of the major. The minimum requirement for the doctoral degree is sixty (60) semester hours, including six (6) hours of doctoral dissertation.

Doctor of Education Degree Programs

The policies governing admission to the Doctor of Education (Ed.D.) degree program are as follows:

1. Student must apply for admission to the doctoral program through the Graduate School by completing an application and submitting all required documents (including GRE scores).
2. Completed applications are reviewed by the Doctoral Admissions Committee in the
3. major area and the names of applicants recommended for admission are submitted to the Graduate School.
4. Upon approval, the Dean of the Graduate School will notify applicants of the Committee's decision.

Prerequisite(s): A master's degree in counseling or a counseling-related field from an accredited college or university. Board rules specifically define "counseling -related field": §681.2. Definitions (9) Counseling-related field - A mental health discipline utilizing human development, psychotherapeutic, and mental health principles including, but not limited to:

- psychology,
- psychiatry,
- social work,

- marriage and family therapy, and
- guidance and counseling.

Non-counseling fields include, but are not limited:

- to dance therapy,
- sociology,
- education,
- administration, and
- theology.

The Doctor of Education degree program in **Counselor Education** is designed to prepare graduates who are highly competent in professional counseling skills in research as well as produce effective leaders in educational and human services arenas in the urban community. Building upon the prerequisite of a relevant master's degree, the doctoral student is provided a series of academic, laboratory, and internship experiences aimed at the development of a broad base in educational foundations, a specialization in counseling, and additional breadth in preparation through exposure to a supporting area related to the field of the major. The minimum requirement for the doctoral degree is sixty (60) semester credit hours, plus six (6) hours of doctoral dissertation.

Grades for Research Courses

Dissertation or thesis research courses receive grades of satisfactory or unsatisfactory only. Grades are assigned only after the defense of the dissertation or thesis. A successful defense or submission of the dissertation or thesis requires the supervising member of faculty to assign a satisfactory grade for the appropriate research course.

Admission Requirements

The criteria for admission to the Doctor of Education degree program are:

Unconditional Admission—The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative; writing score) that will be used in conjunction with the applicant's socioeconomic profile and the Masters grade point average to determine admission.

Non-negotiable Areas

In addition, the applicant must meet all of the following requirements:

1. Have an earned master's degree or its equivalent in a degree program with a grade point average of at least 3.25 ("B+") from an accredited institution of higher education.
2. Hold or earn, before completing the program, a teaching or administrative certificate, unless the area in which the individual specializes does not require certification.
3. Have a minimum of two (2) years of successful professional experience in teaching, administration, supervision, counseling or other career service, for example, personnel in business and industry, counselor, etc.
4. Submit recommendations from at least three persons including two (2) college faculty members in the applicant's most recent academic program and at least one (1) immediate supervisor of the applicant's professional work.
5. Demonstrate acceptable proficiency in the use of the English language based upon performance on a standardized English Proficiency Test. (Performance on the Verbal portion of the GRE may be considered as adequate by the Doctoral Admission Committee).

6. Have a personal interview with the department head and faculty in the area of the planned concentration.
7. Make a score of at least 79 on the TOEFL or IELTS (iBT) = 6.0 (if not from an English speaking country). The following are some factors that may be included in the socioeconomic profile used in the admission process.
 - a. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
 - b. Applicant's status of first-generation to attend undergraduate school.
 - c. Applicant's status of first-generation to attend graduate or professional school.
 - d. Applicant is multilingual.
 - e. Applicant's employment while attending undergraduate school.
 - f. Applicant's role in helping rear other children in family.
 - g. Applicant's geographic residence in Texas at time of application.
 - h. Geographic region of applicant's high school.
 - i. Applicant's demonstration of performance in community activities.
 - j. Applicant's demonstration of commitment to a particular field of study.
 - k. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
 - l. The applicant's performance during a personal interview.
8. Other criteria specified in H.B. 1641 will be considered.

Conditional Admission - The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative) that will be used in conjunction with the applicant's socioeconomic profile and the Master's grade point average to determine admission to graduate programs. Failed to acquire at least a 3.5 on the Writing section of the GRE.

Additional Items Needed to be Considered

Writing Sample: Applicant will submit a handwritten writing sample that must be 300-600 words; and score 3.5 on the analytical writing section of the GRE. Interview: Applicant will be interviewed by members of the COE Admissions Committee. Oral Presentation: Applicant will be required to orally present a piece of work to the COE Admissions Committee.

Code	Title	Hours
Leveling Courses		
COUN 593	Human Growth and Development	3
COUN 733	Sem Soc & Cult Diff	3
COUN 735	Coun Tech	3
COUN 860	Pre-Practicum	3
COUN 833	Clinical Mental Health Counseling	3
COUN 834	Coun & Personality Theories	3
COUN 861	Internship I	3
COUN 890	Group Counseling	3
Total Hours		24

Leveling Courses (Required for applicants who do not hold the Master's Degree in Counseling, Psychology or Social Work)

Summary

Code	Title	Hours
	Core Curriculum (p. 507)	36
	Foundation Core Requirements (p. 507)	12
	Electives (p. 507)	6
	Dissertation (p. 508)	6
Total Hours		60

Core Course Requirements

Code	Title	Hours
COUN 910	Counseling the Adolescent	3
COUN 911	Ind Appraisal In Coun ¹	3
COUN 912	Prin & Found Of Coun	3
COUN 913	Coun & Ind Case Work ¹	3
COUN 914	Supervised Counseling ¹	3
COUN 915	Vocational Assessment ¹	3
COUN 916	Sem Comm Col Stu Pers Servs	3
COUN 917	Sem IICounseling	3
COUN 918	Probs In Coun ¹	3
COUN 919	Internship ¹	6
COUN 920	Research in Counseling	3
Total Hours		36

Foundation Core Course Requirements

Code	Title	Hours
Select twelve (12) semester credits from the following:		12
EDFD 902	Theoretical Fdtns Of Ed	
EDFD 903	Nature Methodology Ed Res	
EDFD 905	Nature Meth Ed Res	
EDFD 931	Ed Res Corr Stat Methods ¹	
EDFD 932	Ed Res Sig Tests Stat Methods ¹	
EDFD 997	Research Seminar ¹	
EDFD 980	Hist Of Ed In U S	
Total Hours		12

Elective Course Requirements

Code	Title	Hours
Select six (6) semester credits from the following:		6
COUN 836	Mental Health & Psychopath	
COUN 941	Parent & Family Counseling	
COUN 942	Marriage & Couples Counseling	
COUN 943	Child Coun & Play Therapy	
COUN 944	Topics in Aging	
COUN 951	Drugs & Addiction	
COUN 989	Seminar in Counseling	
PSY 739	Psychopathology	
Total Hours		6

Dissertation Requirements

Code	Title	Hours
COUN 999	Dissertation	6
Total Hours		6

Department of Curriculum and Instruction

The mission of the Department of Curriculum and Instruction is to produce effective teachers to serve culturally diverse students with a focus on urban school populations. The Department's mission is consistent with the overall mission of the College of Education (COE). The mission of the COE is to prepare caring, committed, competent, culturally responsive professionals who are equipped to provide effective service in urban schools, agencies and other entities.

The Master's program in Curriculum and Instruction is designed to enhance professional competence in determining what and how to teach as well as provide experience in educational research for both certified and non-certified candidates. The program equips candidates with the knowledge and skills needed to pursue rewarding and productive careers in higher education classrooms, school districts, and other public and private agencies of the education profession. The expectation is that graduates of the program will acquire knowledge, skills, and dispositions at an advanced level enabling them to function as professionals who will manifest caring, competent, committed, and culturally responsive qualities and characteristics.

Program Objectives

Program objectives for the M.Ed. in Curriculum and Instruction are aligned with the College of Education's Twenty- One Proficiencies as well as National Standards.

Persons completing the advanced program in Curriculum and Instruction will demonstrate

1. Advanced knowledge of current research in Curriculum and Instruction.
2. Advanced knowledge in teaching using best practices in teaching and learning.
3. Advanced knowledge of diverse social and cultural differences that influence teaching and learning.
4. Proficiency in different research methods and use of various research tools.

Program Requirements

In addition to Graduate School Admission requirements, the Department of Curriculum and Instruction may have additional requirements. Please check with the department.

Non-certified candidates are required to take an additional 6-9 semester credit hours beyond the required 36 semester hours for the degree in order to begin enrolling in required courses on the degree plan. These hours will not count towards the 36 hours needed for the degree.

A Comprehensive Examination will be administered to all candidates within six (6) semester hours of graduation. Eligibility to take the Comprehensive Examination will be determined by the advisor and the

Department Chairperson. Passing the Comprehensive Examination with a minimum score of 70 is required for graduation.

A master's degree applicant may be allowed three attempts to pass the comprehensive examination. A student who fails the comprehensive examination the second time may petition for a third examination and the petition must show a plan of action wherein the petitioner will endeavor to improve his/her chances for satisfactorily passing the examination. The academic advisor, department chairperson, the Dean of the College of Education and the Dean of the Graduate School must approve the petition.

A student who fails to pass the master's comprehensive examination after the third attempt will be automatically discontinued as a student in the relevant master's program.

The choice of specialization area for secondary education students is limited to those subjects generally taught in the middle or secondary schools. An advisor is assigned when the student has been approved for admission into the graduate program.

Non-certified candidates will be expected to take 6 to 9 semester credit hours of leveling courses (EDCI 310 Field Based I Perf Focus Tchng, EDCI 339 Classrm Mngt, and/or EDCI 350 Desgng & Implg Inst/ Assessment). These hours do not count towards the degree. Please see department chair for more details.

- Curriculum and Instruction (Bilingual Education Concentration), Master of Education (p. 514)
- Curriculum and Instruction (Early Childhood Education Concentration), Master of Education (p. 514)
- Curriculum and Instruction (Instructional Technology Concentration), Master of Education (p. 514)
- Curriculum and Instruction (Reading Education Concentration), Master of Education (p. 515)
- Curriculum and Instruction (Secondary _____ Concentration), Master of Education (p. 515)
- Curriculum and Instruction (Special Education Concentration), Master of Education (p. 515)
- Curriculum and Instruction, Doctor of Educaiton (p. 516)

Education Curriculum & Instruction

EDCI 501 The Bil Cur (3 Credits)

THE BILINGUAL CURRICULUM (3) Familiarizes students with new approaches in the bilingual curriculum including technology, national/state standards, EC-12.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 502 Cult Fnd of Bil ED (3 Credits)

CULTURAL FOUNDATIONS OF BILINGUAL EDUCATION (3) Familiarizes students with the impact of culture on education and with methodology for teaching in a bilingual classroom, EC- 12.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 510 Prin & Fnd of ED (3 Credits)

PRINCIPLES AND FOUNDATION OF EDUCATION (3) Studies the sociological, economic, philosophical and historical foundations of American education. (Must be taken concurrently with EDCI 527).

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 520 Curr Dev Early Childhood Ed (3 Credits)

CURRICULUM DEVELOPMENT IN EARLY CHILDHOOD (3) Examines the theoretical bases of curriculum. Emphasis on designing curriculum appropriate for early childhood. Also includes practical application and evaluation of designed curriculum.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 521 Creativity In Child Dev (3 Credits)

CREATIVITY IN CHILD DEVELOPMENT (3) Explores the nature of creativity, the role of teacher and creative environments. Studies the relationship of creativity to curricula areas: designing and implementation of creative activities.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 524 Home Com Partnsp Dev Of Child (3 Credits)

HOME/COMMUNITY DEVELOPMENT OF THE CHILD (3) Analyzes the relationship among the home, school, and community for optimum child development. Develops faculty in working with parents as members of the learning community.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 525 Field Experience Practicum (3 Credits)

FIELD EXPERIENCE PRACTICUM IN EARLY CHILDHOOD (3) Constructs practical experiences in working with young children 3-5 years old. In-depth observation and work with children in each domain. (Prerequisite: Instructor's consent)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 527 Advanced Fld Exp Prac ECH (3 Credits)

PSYCHOLOGY OF LEARNING, GROWTH AND DEVELOPMENT (3) Provides a foundation in comprehensive classroom management with a special emphasis on creating a positive, productive classroom environment. Attention to research-based management techniques and problem solving for unproductive student behaviors. (Must be taken concurrently with EDCI 510).

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 528 Eval & Assess Early Chlhd (3 Credits)

EVALUATION AND ASSESSMENT IN EARLY CHILDHOOD (3) Presents evaluation and assessment processes used with young children. Analyzes case studies with emphasis on application and remediation.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 531 Classroom Management (3 Credits)

CLASSROOM MANAGEMENT (3) Presents modern techniques for managing the instructional climate with emphasis on student-centered approaches and includes a practicum component.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 539 Assess & clasrm Mgmt (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 540 Curriculum & Instruction (3 Credits)

CURRICULUM AND INSTRUCTION (3) Analyzes procedures used in the administration and implementation of curriculum programs in public schools.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 544 Dev English Skills (3 Credits)

DEVELOPMENT OF ENGLISH LANGUAGE SKILL (3) Analyzes state-of-the-art techniques used to teach English to speakers of other languages.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 550 Ins Strat (3 Credits)

EFFECTIVE INSTRUCTIONAL STRATEGIES (3) Focuses on the study of instructional methods that emphasize practical application to the teaching/ learning process. Some of these strategies include planning, resource selection, evaluation and communication.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 551 Multicultural Education (3 Credits)

MULTICULTURAL EDUCATION (3) Shaped by the Texas Examinations of Educator Standards (TExES), this course builds a knowledge base for education that is culturally responsive. It focuses on school policies and practices that promote equity in achievement especially in urban school communities.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 571 Tchg Social Stud Elem Sch (3 Credits)

TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL (3) Outlines recent trends in the organization and content of the integrated social studies curriculum.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 577 Language Study Elementary Sch (3 Credits)

LANGUAGE STUDIES IN ELEMENTARY SCHOOLS (3) Theories and practices in integrated language, teaching, and learning in elementary classrooms.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 583 Tech Indiv Instruc (3 Credits)

TECHNIQUES OF INDIVIDUALIZED INSTRUCTION (3) Presents a research-based individualized instruction knowledge-base that emphasizes (a) competency-based education, (b) standards-based education, (c) differentiated instruction and (d) Universal Design for Learning (UDL).

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 606 Lin Fnd of Bil ED (3 Credits)

LINGUISTIC FOUNDATION OF BILINGUAL EDUCATION (3) Familiarizes students with foundations of bilingual education in the United States with an emphasis on linguistic aspects of teaching.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 633 Research (3 Credits)

RESEARCH (3) Studies educational research from a comprehensive perspective. Included are techniques and concepts of social and behavioral research; writing in the APA format; ethical standards governing educational research; experiences in the use of internal and external critique methods. (Prerequisites: Three semester credit hours of statistics)

Prerequisite(s): EPSY 831

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 639 Science in Elementary School (3 Credits)

SCIENCE IN ELEMENTARY SCHOOL (3) Presents a study of the science curriculum and the methods of teaching integrated science in the elementary school.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 644 Tch Cont Areas in Span:Rgd/La (3 Credits)

TEACHING CONTENT AREAS IN SPANISH (3) Provides comprehensive knowledge of content area instruction in Spanish reading/language arts.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 700 Instructional Design and Technology (3 Credits)

This course will introduce the field of instructional design and technology and its impact on teaching and learning. Student will develop complete instruction followed by instructional design and technological model.

This course will be the study and application of innovative instructional design and technology. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 701 App Lin for Bil Clsrm (3 Credits)

APPLIED LINGUISTICS (3) Introduces linguistic concepts and contrastive analysis and their applications to practical linguistic situations.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 702 Initregrating Technology Into the Curriculum (3 Credits)

This course will focus on the practical integration of technology into the elementary and secondary curriculum. Student will learn how to integrate varous technology tools into teaching and learning practices. Appropriate uses of technology and software will be examined and developed. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 703 Multimedia for the Classroom (3 Credits)

This class will focus on the classroom application of digital graphics, animation, multimedia, audio, video, and web 2.0. Studens will create varous multimedia project that can be directly used for teaching and learning. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 727 Independent Study & Research (3-6 Credits)

INDEPENDENT STUDY AND RESEARCH (3) Focuses on creating opportunities for students to pursue actively research problems in curriculum and instruction of personal interest or to complete course requirements.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 732 Prim/Mid Sch Read Inst (3 Credits)

PRIMARY/MIDDLE SCHOOL READING INSTRUCTION (3) Provides opportunities to study instructional methods, laboratory methods, and student-planned learning exercises and materials for improving the teaching of reading in the primary and middle schools.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 733 Design and Development of Online Educational Resources (3 Credits)

Students will design and develop educational resources for online learning environment and examines the application tools, resources, and strategies to support, deliver, and enhance online learning tools. Students will actively engage in online activities as they identify and plan online learning resources. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 734 Instructional Design (3 Credits)

INSTRUCTIONAL DESIGN (3) Introduces the theoretical, experiential, and critical components of the instructional design process. Students will explore the primary methods of computer-based instruction and the major components of instructional development.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 735 Courseware & Presentation Tool (3 Credits)

COURSEWARE and PRESENTATION TOOLS (3) Presents students with an overview of a range of software applications with which they can develop educational and instructional materials.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 736 Design of Web Graphics (3 Credits)

DESIGN OF WEB GRAPHICS (3) Enhances students' ability to conceptualize and develop visually-rich and appropriate materials for online environments that support and enhance active teaching and learning.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 737 Distance Learning & Teaching (3 Credits)

DISTANCE LEARNING and TEACHING (3) Examines the application of tools, resources, and strategies to support, deliver, and enhance technology-supported curriculum. Students actively engage in online activities as they identify and plan a curriculum.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 738 Ed Use of Digital Video (3 Credits)

EDUCATIONAL USE OF DIGITAL VIDEO (3) Examines the use of analog and digital video in the design and creation of online and computer-based instructional materials.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 739 Educational Use of Digital Video (3 Credits)

This course will examines the use of analog digital video in the design and creation of online and computer-based instructional materials. Students will develop various educational videos that can be integrated into teaching-and learning. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 744 Tcgh in Span: Soc Std, Math,Sc (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 773 Recent Res Tchg Hs Subjects (3 Credits)

RECENT RESEARCH IN TEACHING HIGH SCHOOL SUBJECTS (3) Presents a review of research in secondary school teaching. Provides study of unit plans, laboratory methods, and studentplanned learning exercises.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 832 Educ Statistics & Technology (3 Credits)

EDUCATIONAL STATISTICAL AND INSTRUCTIONAL TECHNOLOGY (3) Introduces state-of-the-art instructional technology and statistical applications.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 833 Technology Teacher Education (3 Credits)

This course will focus on how to facilitate and inspire student learning with use of technology and take a constructive approach to understanding instructional and technology and teacher educations. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 844 Lan Acquisition & Dev (3 Credits)

LANGUAGE ACQUISITION AND CULTURE (3) Analyzes studies of first and second language acquisition theories. Analyzes cultural, cognitive, linguistic, and developmental factors that affect the acquisition of a second language.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 877 Content Read/Study Skills (3 Credits)

CONTENT READING/STUDY SKILLS (3) Prepares participants, in a reading clinic setting, to work with students to develop reading skills appropriate to their maturity, develop therapeutic techniques for retarded readers, and master skills to organize a developmental reading program.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 900 Urban Research Planning (3 Credits)

URBAN RESEARCH, PLANNING (3) Provides student opportunities to direct personal learning experiences in urban environments and to create common essential knowledge about positive changes for urban schools.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 901 Res Plng and Dev in Urban Ed (3 Credits)

RESEARCH, PLANNING AND DEVELOPMENT IN URBAN EDUCATION (3) Stresses significant sociological, psychological, philosophical and educational theories related to improving current educational practice.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 915 Diversity Education (3 Credits)

DIVERSITY EDUCATION (3) Examines philosophies, policies and practices of diversity and how these can be implemented to promote equity and excellence in schools and other entities in a multiethnic society.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 917 Computer Competency (3 Credits)

COMPUTER COMPETENCY (3) Provides opportunities for students to demonstrate knowledge of basic computer concepts and E-mail, Netscape and the World Wide Web, Library Research, Word Processing, Spread Sheet, and Power Point skills.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 918 Technology INtegratons into Doctoral Dissertation (3 Credits)

Integrate current technology into doctoral dissertation writing. APA style, dissertation structure and chapter guide, page format, educational research, research methodology, research proposal, online survey and data collection, and online VITA development. Three credit hours per week.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 920 Curr Res Dev In Urban Schools (3 Credits)

CURRICULUM RESEARCH AND DEVELOPMENT IN URBAN SCHOOL (3) Presents a review of current research related to curricula development for special urban populations. Emphasis is given to research that provides a theoretical base for curriculum development.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 921 Adv Curr Dev (3 Credits)

ADVANCED CURRICULUM DEVELOPMENT (3) Focuses on the scope and sequence of school curricula, correlation of school study, in-service education for instructional staff, and utilizing the community in curriculum development.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 927 Independent Study and Research (3-12 Credits)

INDEPENDENT STUDY AND RESEARCH (3) Creates opportunities for doctoral students' active engagement in research problems of personal interest.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 930 Curr. Dev. In Urban Sch. (3 Credits)

CURRICULUM DEVELOPMENT IN URBAN SCHOOLS (3) Focuses on the comprehensive curriculum development process and emphasizes the critical factors in the urban environment that should shape curricula.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 931 Classroom Management (3 Credits)

CLASSROOM MANAGEMENT (3) Presents an analysis of modern techniques for managing the instructional environment with emphases on student-centered and pro-active approaches to preventing classroom and school-wide disruptions.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 932 Urban Tchg Strategies (3 Credits)

URBAN TEACHING STRATEGIES (3) Provides students the opportunity to develop and test a variety of teaching strategies which may be particularly effective and appropriate for the urban learner.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 935 Dev & Mgmt Sch Cur (3 Credits)

CURRICULUM DEVELOPMENT AND MANAGEMENT OF SCHOOL CURRICULUM (3) Focuses on skills needed to apply curriculum design theory to practice in managing learning environments in diverse educational settings.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 938 Techniques of Curr Evaluation (3 Credits)

TECHNIQUES OF CURRICULUM EVALUATION (3) Presents modern techniques of evaluating school curricula. Specific emphasis on specifying entry criteria and on formative discrepancy, and summative evaluation techniques

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 939 Models Of Teaching (3 Credits)

MODELS OF TEACHING (3) Presents a survey of modern instructional models of teaching with emphasis on information processing, personal, social, and behavior approaches

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 940 Advanced Curr and Instruction (3 Credits)

ADVANCED CURRICULUM AND INSTRUCTION (3) Focuses on the scope and sequence of developing a school curriculum, correlation of school studies, staff development for instructional staff, and utilizing the community for curriculum development

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 941 Exp Cur Dev & Inst Strat (3 Credits)

THE ANATOMY OF THE DOCTORAL DISSERTATION (3) Provides a basic step-by-step process for conceiving, developing and writing a dissertation and supports the process with related software. Includes models of outstanding dissertations.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 942 Cont Prog Prgms & Inst Tech (3 Credits)

DIVERSITY EDUCATION (3) Examines philosophies, policies and practices of diversity and how these can be implemented to promote equity and excellence in schools and other entities in a multiethnic society.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 944 Curriculum Theory (3 Credits)

CURRICULUM THEORY (3) Presents a survey of modern curriculum theories with emphasis on the various philosophies, techniques and sources for determining needs for the total curriculum development process

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 950 Crnt Trnds in Effec Tch & Lrn (3 Credits)

CURRENT TRENDS IN EFFECTIVE TEACHING AND LEARNING (3) Presents current theories relative to the systemic approach to curriculum development. Emphasis on deductive and inductive approaches to systemic curriculum development

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 960 Current Trends in Eff Tchng Pra (3 Credits)

CURRENT TRENDS IN EFFECTIVE TEACHING PRACTICES (3) Presents current trends on effective teaching practices. Emphases on interactive instruction, technological teaching approaches, cooperative learning, time on task, appropriate feedback, instructional rewards and consequences, and instructional and behavioral expectations.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 983 Prep Educators For Urban Schs (3 Credits)

PREPARING EDUCATORS FOR URBAN SCHOOLS (3) Explores alternate methods of teacher preparation specifically for urban areas. Topics to be considered: Learner in Urban Settings, Curricula Adoptions, Union Contracts, and School Community Relations.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 985 Tech for Individualized Inst (3 Credits)

TECHNIQUES FOR INDIVIDUALIZED INSTRUCTION (3) Presents a systemic approach to designing curricula appropriate for advanced graduate students. The course focuses on the development of theoretical frameworks for continuous progress philosophies, missions, goals, objectives, activities, organization designs and evaluation.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 995 Practicum In Urban Ed (3 Credits)

PRACTICUM IN URBAN EDUCATION (3) Creates opportunities to apply Urban Education theory to urban/inner city problems that impact the education of children and young adults. Urban/inner city schools and other agencies will be used for this practical experience.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 996 Ed & The Urban Dilemma (3 Credits)

EDUCATION AND THE URBAN DILEMMA (3) Focuses on the educational systems in the city with particular emphasis on the racial, economic, and political dilemmas of schools in the inner-city.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 997 Anatomy of the Dissertation (3 Credits)

THE ANATOMY OF THE DOCTORAL DISSERTATION (3) Provides a basic step-by-step process for conceiving, developing and writing a dissertation and supports the process with related software. Includes models of outstanding dissertations

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 998 Practicum in Curr & Instruct (3 Credits)

PRACTICUM IN CURRICULUM AND INSTRUCTION (3) Creates opportunities to apply curriculum and instruction theory and practice to problems and conditions that impact urban, lower-income students and young adults. Inner-city schools/ communities, district administrative offices and cooperate sectors will be used for this practical experience

College/School: College Of Education

Department: Dept of Curriculum & Instructn

EDCI 999 Dissertation (3-12 Credits)

DISSERTATION (3-12) Engages students in an intensive study of a selected and approved topic. (Total: 12 credit hours)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

Special Education

SPED 552 Intro Ed Of Except Children (3 Credits)

INTRODUCTION TO EDUCATION OF EXCEPTIONAL CHILDREN (3) Examines the historical context of special education and legislation that has changed the course of the field. Also focuses on disability as a socially constructed response to human differences. (Co-requisite: SPED 553.)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 553 Psy Found Ed Of Except Chldrn (3 Credits)

PSYCHOLOGICAL FOUNDATIONS IN EDUCATION OF EXCEPTIONAL CHILDREN (3) Provides an orientation to high and low incidence disabilities. Focuses on the characteristics of each disability and issues related to academic and social learning for students with disabilities. (Co-requisite: SPED 552.)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 554 Probs Ed Except Children (3 Credits)

PROBLEMS IN EDUCATING EXCEPTIONAL CHILDREN (3) Examines issues related to the importance of collaboration as a mechanism for student learning and success in schools. Focuses on team teaching and collaboration between school personnel, parents and the community.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 555 Psycho-Ed Diagnosis (3 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 556 Psycho-Ed Intervention (3 Credits)

PSYCHO-EDUCATION INTERVENTION (3) Explores teaching and assessment strategies to facilitate the participation and learning of students with disabilities in the general education classroom. Includes a focus on differentiation instruction.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 557 Imp & Eval Diag-Prescriptv Tchg (3 Credits)

IMPLEMENTATION AND EVALUATION: DIAGNOSTIC-PRESCRIPTIVE TEACHING (3) Emphasizes the tools and techniques of positive behavior support for creating classrooms that are inclusive and responsive to student needs.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 558 Practicum In Special Ed (3 Credits)

PRACTICUM IN EDUCATION (3) Provides opportunities for candidates to integrate theory and practice as they work with students in K-12.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 559 Research In Special Ed (3 Credits)

RESEARCH IN SPECIAL EDUCATION (3) Provides the basic skills needed to conduct research in special education. Introduces quantitative, qualitative and mixed methods research.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

SPED 600 Individual Projects (3 Credits)

INDIVIDUAL PROJECT (3) Provides students with an opportunity to increase learning outcomes by participating in an independent project to apply and evaluate effective instructional practices for exceptional learners.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

Reading Education

RDG 574 Fund Of Reading Instruction (3 Credits)

FUNDAMENTALS OF READING INSTRUCTION (3) Presents an overview of the basic concepts in reading, a survey of various programs in today's schools, and an appraisal of materials to meet varying needs of diverse learners.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 630 Fac Prof Dev Sem (2 Credits)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 732 Prim/Midl School Rdg Instruct (3 Credits)

PRIMARY/MIDDLE SCHOOL READING INSTRUCTION (3) Provides opportunities to study methods, laboratory methods, and student-planned learning exercises and materials for improving the teaching of reading in the primary and middle schools. It explores strategies to promote an appreciation of books, and it addresses instruction for all levels.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 873 Issues on Trends in Reading (3 Credits)

ISSUES, PROBLEMS AND TRENDS IN LITERACY (3) Provides an historical and theoretical perspective of reading and writing theory and instruction with an emphasis on literacy in a technological society.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 874 Diagnostic & Remedial Reading (3 Credits)

DIAGNOSTICS AND REMEDIAL READING INSTRUCTION (3) Presents diagnostic procedures and techniques used in determining the nature and causes of reading difficulties and strategies for planning instruction to meet individual needs.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 875 Practicum In Reading I (3 Credits)

PRACTICUM IN READING I (3) Creates opportunities for observation and participation in a clinical program of reading. Includes diagnostic testing, remedial teaching and the compiling of clinical records. (Prerequisite: RDG 874 or advisor approval)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 877 Content Area Rdg (3 Credits)

CONTENT READING/STUDY SKILLS (3) Prepares participants, in a reading clinic setting, to work with students to develop reading skills appropriate to their maturity, develop therapeutic techniques for retarded readers, and master skills to organize a developmental reading program.

College/School: College Of Education

Department: Dept of Curriculum & Instructn

RDG 888 Practicum In Reading II (3 Credits)

PRACTICUM IN READING II (3) Creates opportunities for observation and participation in a clinical program of reading. Includes diagnostic testing, remedial teaching, compiling clinical records, and parental involvement in the entire process. (Prerequisites: Advisor approval and RDG 874 and RDG 875)

Prerequisite(s): (RDG 874)

College/School: College Of Education

Department: Dept of Curriculum & Instructn

Curriculum and Instruction (Bilingual Education Concentration), Master of Education

Summary

Code	Title	Hours
	Core Requirements (p. 514)	12
	Specialization (p. 514)	18
	Research Area (p. 514)	6
Total Hours		36

Core Courses

Code	Title	Hours
Core Courses		
EDCI 531	Classroom Management	3
EDCI 540	Curriculum & Instruction	3
EDCI 551	Multicultural Education	3
EDCI 583	Tech Indiv Instruc	3
Total Hours		12

Specialization

Code	Title	Hours
EDCI 501	The Bil Cur	3
EDCI 544	Dev English Skills	3
EDCI 606	Lin Fnd of Bil ED	3
EDCI 644	Tch Cont Areas in Span:Rgd/La	3
EDCI 701	App Lin for Bil Clsrm	3
EDCI 844	Lan Acquisition & Dev	3
Total Hours		18

Research Area

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDCI 633 or EDFD 633	Research Research	3
Total Hours		6

Curriculum and Instruction (Early Childhood Education Concentration), Master of Education

Summary

Code	Title	Hours
	Core Requirements (p. 514)	12
	Specialization (p. 514)	18
	Research Area (p. 514)	6
Total Hours		36

Core Courses

Code	Title	Hours
Core Courses		
EDCI 531	Classroom Management	3
EDCI 540	Curriculum & Instruction	3
EDCI 551	Multicultural Education	3
EDCI 583	Tech Indiv Instruc	3
Total Hours		12

Specialization

Code	Title	Hours
EDCI 520	Curr Dev Early Childhood Ed	3
EDCI 521	Creativity In Child Dev	3
EDCI 524	Home Com Partnsp Dev Of Child	3
EDCI 525	Field Experience Practicum	3
EDCI 527	Advanced Fld Exp Prac ECH	3
EDCI 528	Eval & Assess Early Chlhd	3
Total Hours		18

Research Area

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDCI 633 or EDFD 633	Research Research	3
Total Hours		6

Curriculum and Instruction (Instructional Technology Concentration), Master of Education

Summary

Code	Title	Hours
	Core Requirements (p. 514)	12
	Specialization (p. 514)	18
	Research Area (p. 515)	6
Total Hours		36

Core Courses

Code	Title	Hours
Core Courses		
EDCI 531	Classroom Management	3
EDCI 540	Curriculum & Instruction	3
EDCI 551	Multicultural Education	3
EDCI 583	Tech Indiv Instruc	3
Total Hours		12

Specialization

Code	Title	Hours
EDCI 700	Instructrional Design and Technology	3
EDCI 702	Initregrating Technology Into the Curriculum	3
EDCI 703	Multimedia for the Classroom	3

EDCI 733	Design and Development of Online Educational Resources	3
EDCI 739	Educational Use of Digital Video	3
EDCI 833	Technology Teacher Education	3
Total Hours		18

Research Area

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDCI 633	Research	3
or EDFD 633	Research	
Total Hours		6

Curriculum and Instruction (Reading Education Concentration), Master of Education

Summary

Code	Title	Hours
Core Requirements (p. 515)		9
Specialization (p. 515)		21
Research Area (p. 515)		6
Total Hours		36

Core Courses

Code	Title	Hours
Core Courses		
EDCI 531	Classroom Management	3
EDCI 540	Curriculum & Instruction	3
EDCI 551	Multicultural Education	3
Total Hours		9

Specialization

Code	Title	Hours
RDG 574	Fund Of Reading Instruction	3
RDG 732	Prim/Midl School Rdg Instruct	3
RDG 873	Issues on Trends in Reading	3
RDG 874	Diagnostic & Remedial Reading	3
RDG 875	Practicum In Reading I	3
RDG 877	Content Area Rdg	3
RDG 888	Practicum In Reading II	3
Total Hours		21

Research Area

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDCI 633	Research	3
or EDFD 633	Research	
Total Hours		6

Curriculum and Instruction (Secondary _____ Concentration), Master of Education

Summary

Code	Title	Hours
Core Requirements (p. 515)		12
Specialization (p. 515)		18
Research Area (p. 515)		6
Total Hours		36

Core Courses

Code	Title	Hours
Core Courses		
EDCI 531	Classroom Management	3
EDCI 540	Curriculum & Instruction	3
EDCI 551	Multicultural Education	3
EDCI 583	Tech Indiv Instruc	3
Total Hours		12

Specialization

Code	Title	Hours
Courses are listed when specialization is determined.		18
Total Hours		18

Research Area

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDCI 633	Research	3
or EDFD 633	Research	
Total Hours		6

Curriculum and Instruction (Special Education Concentration), Master of Education

Summary

Code	Title	Hours
Core Requirements (p. 515)		12
Specialization (p. 516)		18
Research Area (p. 516)		6
Total Hours		36

Core Courses

Code	Title	Hours
Core Courses		
EDCI 531	Classroom Management	3
EDCI 540	Curriculum & Instruction	3
EDCI 551	Multicultural Education	3

EDCI 583	Tech Indiv Instruc	3
Total Hours		12

Specialization

Code	Title	Hours
SPED 552	Intro Ed Of Except Children	3
SPED 553	Psy Found Ed Of Except Chldrn	3
SPED 554	Probs Ed Except Children	3
SPED 556	Psycho-Ed Intervention	3
SPED 557	Imp & Eval Diag-Prescrptv Tchg	3
SPED 558	Practicum In Special Ed	3
Total Hours		18

Research Area

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDCI 633	Research	3
or EDFD 633	Research	
Total Hours		6

Curriculum and Instruction, Doctor of Education

Doctor of Education Degree Programs

The policies governing admission to the Doctor of Education (Ed.D.) degree program are as follows:

1. Student must apply for admission to the doctoral program through the Graduate School by completing an application and submitting all required documents (including GRE scores).
2. Completed applications are reviewed by the Doctoral Admissions Committee in the
3. major area and the names of applicants recommended for admission are submitted to the Graduate School.
4. Upon approval, the Dean of the Graduate School will notify applicants of the Committee's decision.

The Doctor of Education program in **Curriculum and Instruction** is the advanced professional degree for teachers and instructional specialists who will serve in a variety of settings, including public schools, Department of Education, business industries, and institutions of higher education. The objective of the doctoral concentration in Curriculum and Instruction is the preparation of professionals who are competent in curriculum design and instructional application. The minimum requirement for the doctoral degree is sixty (60) semester credit hours, including six (6) hours of doctoral dissertation. Students without prerequisite credentials must enroll in leveling courses that will not count toward the Ed.D. degree.

The Doctor of Education degree in Curriculum and Instruction is the advanced professional degree for teachers and instructional specialists who will serve in a variety of settings, including federal, regional, state and local education agencies, as well as public schools and institutions of higher education. Graduates of the Program will be prepared to serve in arenas such as school districts, other educational settings, in government and medical institutions, foundations, and in private practice.

The mission of the doctoral program in Curriculum and Instruction is the preparation of professionals who are competent in curriculum design and instructional application. The Curriculum and Instruction concentration is designed to develop personnel who:

1. Demonstrate a thorough knowledge of existing research in curriculum and instruction;
2. Demonstrate a thorough knowledge of the historical, sociological, psychological and political theories underlying curriculum revision and development;
3. Demonstrate an awareness of how diverse ethnic and cultural backgrounds impact curriculum design and instructional implementation;
4. Demonstrate facility in planning, developing, implementing, and evaluating curriculum;
5. Demonstrate effective and efficient knowledge of instructional techniques and teaching models;
6. Demonstrate a thorough knowledge of the statistical tools necessary for research;
7. Develop a comprehensive research project, utilizing statistical tools, research methods, and theory related to curriculum and instruction.

Program of Study

The program of study requires a minimum of sixty (60) semester hour credits beyond the master's degree. The curriculum includes 12 semester credit hours foundation courses; 15 semester credit hours the major area and 12 semester credit hours of free electives that must be in the same area, for a total of 42 semester credit hours. The professional knowledge core consists of 6 semester credit hours of coursework; practicum (6 hours); and dissertation (6 hours). All students are required to complete a residency of 18 semester credit hours. Twelve (12) semester credit hours must be completed after being admitted to candidacy.

Students can satisfy the 18-semester credit hour residency requirements for the Ed. D. Degree in one of several ways. Plans A-C is designed for students who work full-time as they earn the doctorate degree. Plan A requires: that students earn the 18 hours during consecutive fall, spring and summer sessions, earning six (6) semester hours each session. Plan B requires that students earn the 18 hours during consecutive spring, summer and fall sessions, earning six (6) semester hours each session. Plan C requires that students earn the 18 hours during consecutive summer, fall, and spring sessions, earning six (6) semester hours each session. Plan D, designed for full-time students, requires that students earn the 18 hours during any two consecutive sessions. The combinations include fall, spring and summer sessions.

Admission Requirements

The criteria for admission to the Doctor of Education degree program are:

Unconditional Admission—The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative; writing score) that will be used in conjunction with the applicant's socioeconomic profile and the Masters grade point average to determine admission.

Non-negotiable Areas

In addition, the applicant must meet all of the following requirements:

1. Have an earned master's degree or its equivalent in a degree program with a grade point average of at least 3.25 ("B+") from an accredited institution of higher education.

2. Hold or earn, before completing the program, a teaching or administrative certificate, unless the area in which the individual specializes does not require certification.
3. Have a minimum of two (2) years of successful professional experience in teaching, administration, supervision, counseling or other career service, for example, personnel in business and industry, counselor, etc.
4. Submit recommendations from at least three persons including two (2) college faculty members in the applicant's most recent academic program and at least one (1) immediate supervisor of the applicant's professional work.
5. Demonstrate acceptable proficiency in the use of the English language based upon performance on a standardized English Proficiency Test. (Performance on the Verbal portion of the GRE may be considered as adequate by the Doctoral Admission Committee).
6. Have a personal interview with the department head and faculty in the area of the planned concentration.
7. Make a score of at least 79 on the TOEFL or IELTS (iBT) = 6.0 (if not from an English speaking country). The following are some factors that may be included in the socioeconomic profile used in the admission process.
 - a. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
 - b. Applicant's status of first-generation to attend undergraduate school.
 - c. Applicant's status of first-generation to attend graduate or professional school.
 - d. Applicant is multilingual.
 - e. Applicant's employment while attending undergraduate school.
 - f. Applicant's role in helping rear other children in family.
 - g. Applicant's geographic residence in Texas at time of application.
 - h. Geographic region of applicant's high school.
 - i. Applicant's demonstration of performance in community activities.
 - j. Applicant's demonstration of commitment to a particular field of study.
 - k. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
 - l. The applicant's performance during a personal interview.
8. Other criteria specified in H.B. 1641 will be considered.

Conditional Admission - The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative) that will be used in conjunction with the applicant's socioeconomic profile and the Master's grade point average to determine admission to graduate programs. Failed to acquire at least a 3.5 on the Writing section of the GRE.

Additional Items Needed to be Considered

Writing Sample: Applicant will submit a handwritten writing sample that must be 300-600 words; and score 3.5 on the analytical writing section of the GRE. **Interview:** Applicant will be interviewed by members of the COE Admissions Committee. **Oral Presentation:** Applicant will be required to orally present a piece of work to the COE Admissions Committee.

The Curriculum and Instruction program accepts students with a Master's Degree and a teaching certificate, and/or a Master's program in natural science, education or behavioral sciences. The program requires:

- a combined verbal/quantitative score of at least 700 and
- at least 3.5 on the writing section of the Graduate Record Examination;
- competency in a foreign language will also be considered (written, spoken and comprehension);
- three letters of recommendation from employers and/or professors and
- at least a 3.25 GPA in Master's level work.

Applicants must be interviewed by the Doctoral Admission Committee, and write an essay on a topic in the applicant's major field of study and/or on an urban societal issue. An application will also be enhanced by a recommendation from a graduate faculty member and a commitment to mentor the student through program completion.

Persons interested in applying for the doctoral program in Curriculum and Instruction should submit an application to the Graduate School, along with GRE scores, transcripts from all colleges/universities attended, and recommendations. All Graduate School requirements will be observed.

Code	Title	Hours
Leveling Courses		
EDCI 540	Curriculum & Instruction	3
EDCI 583	Tech Indiv Instruc	3
EDCI 633	Research	3
EPSY 831	Educ Statistics	3
Total Hours		12

Students without prerequisite credentials must enroll in leveling courses that will not count toward the Ed.D. degree.

Summary

Code	Title	Hours
Core Curriculum Requirements (p. 517)		15
Foundation Core Requirements (p. 517)		15
Electives (p. 518)		12
Professional Knowledge (p. 518)		3
Dissertation (p. 518)		15
Total Hours		60

Core Curriculum Requirements

Code	Title	Hours
EDCI 915	Diversity Education	3
EDCI 921	Adv Curr Dev	3
EDCI 938	Techniques of Curr Evaluation	3
EDCI 939	Models Of Teaching	3
EDCI 944	Curriculum Theory	3
Total Hours		15

Foundation Core Requirements

Code	Title	Hours
Select fifteen (15) credit hours from the following:		15
EDFD 902	Theoretical Fdtns Of Ed	
EDFD 903	Nature Methodology Ed Res	
EDFD 905	Nature Meth Ed Res	

EDFD 931	Ed Res Corr Stat Methods	
EDFD 932	Ed Res Sig Tests Stat Methods	
EDFD 980	Hist Of Ed In U S	
EDFD 997	Research Seminar	
Total Hours		15

Electives¹

Code	Title	Hours
Select twelve (12) credits from the following:		12
EDCI 900	Urban Research Planning	
EDCI 918	Technology INtegratons into Doctoral Dissertation	
EDCI 920	Curr Res Dev In Urban Schools	
EDCI 950	Crnt Trnds in Effec Tch & Lrn	
Total Hours		12

¹ Selected with the Advisor's Approval

Professional Knowledge

Code	Title	Hours
Select one of the following:		3
EDCI 930	Curr. Dev. In Urban Sch.	
EDCI 935	Dev & Mgmt Sch Cur	
EDCI 940	Advanced Curr and Instruction	
EDCI 960	Current Trends in Eff Tchg Pra	
EDCI 985	Tech for Individualized Inst	
Total Hours		3

Dissertation

Code	Title	Hours
EDCI 999	Dissertation	6
Practicum		
EDCI 995	Practicum In Urban Ed	3
EDCI 998	Practicum in Curr & Instruct	3
Research		
EDCI 920	Curr Res Dev In Urban Schools	3
Total Hours		15

To satisfy the 12 semester credit hours of electives, candidates are encouraged to choose these courses from the Curriculum and Instruction doctoral program. However, all 12 hours must be taken in a single program area. Advisor approval is required.

An advisor is assigned when the student is admitted to the program. Students are urged to meet with assigned advisors at least once each semester.

Department of Educational Administration and Foundations

Program Overview

Our Mission

The mission of the Department of Educational Administration and Foundations is to prepare individuals who are competent, caring, committed and culturally responsive educators possessing a strong

awareness of their responsibility to organize, lead and manage efficient and effective educational institutions. The Department of Educational Administration and Foundations offers two online Master's degrees in Educational Administration, one with the Principal's certificate and one without. For those seeking leadership in higher education, the Department offers a Master's of Educational Administration in Human Resources and Higher Education. Additionally, we offer a preparation program for candidates seeking principal or superintendent certification only. The Department's courses align with the new Principal and Superintendent Standards for the State of Texas.

Programmatic emphasis is placed on the development of competent professional educators who have a fundamental understanding of educational theory, educational research, educational philosophy and contemporary educational techniques and methods. Emphasis is also placed on helping the student learn how to integrate these elements into a sound educational program. Effective leadership cannot be exercised without a thorough understanding of basic educational principles and knowledge of current educational trends. In keeping with the thrust and setting of the University, great effort is made to prepare individuals who are flexible and can effectively serve all children in society. The development of quality professional educators who are knowledgeable and who can provide creative leadership in the various areas of education is the fundamental goal of the Department.

The online Masters in Educational Administration degree program prepares individuals who have a strong awareness of their responsibility to serve the public and to carry on educational programs that meet the needs and interests of those they serve. Classes for the Master's Degree in Educational Administration and related certificate programs will include a concentration of study in school administration, instructional leadership, school law, fiscal responsibility, the organization and management of schools and internships. The programs are designed to prepare candidates for positions of leadership in varied educational settings. As a special purpose institution, our department is a preeminent producer of educational leaders working in K-12 schools and universities. We are nationally recognized by the excellence of our programs, the quality of our instruction, our innovative research and creative activities, and our commitment to be a contributing partner to our community, state, nation, and world.

The objective of the M.Ed. degree program in Human Resources and Higher Education at Texas Southern University (TSU) is to prepare students for advanced academic careers at the college or university level. The program takes an integrated approach to the interactions between human resources and higher education; however, students will be allowed to place emphasis more specifically on the concentration of their choice. Admission standards will be the same as the current M.Ed. program.

Program Objectives

The programs in educational administration are designed to develop competent, caring, committed and culturally responsive educators and individuals who meet stated competencies:

- Knowledge of shaping campus culture and implementation of issues that are shared by the community
- Knowledge of communication, collaboration, and mobilization of resources
- Ability to act with integrity and fairness in an ethical manner
- Knowledge of designing and implementation of curriculum
- Ability to care, nurture and develop instructional programs that are conducive to learners

- Ability to implement staff evaluation
 - Ability to make decisions and problem solve to ensure an effective learning environment
 - Ability to apply effective leadership to develop and manage campus budget and resource utilization
 - Ability to manage campus physical plant and support systems to ensure safety and effective learning
- Educational Administration (Community College Leadership Concentration), Doctor of Education (p. 522)
 - Educational Administration (Higher Education Administration Concentration), Doctor of Education (p. 525)
 - Educational Administration (Human Resources and Higher Education Concentration), Master of Arts (p. 527)
 - Educational Administration with no Certification, Master of Arts (p. 528)
 - Educational Administration with Principal Certification, Master of Arts (p. 528)
 - Educational Administration, Doctor of Education (p. 529)
 - Professional Principal Certification (p. 531)
 - Superintendent Certification (p. 533)

EDAS 532 School & Public Relation (3 Credits)

THE SCHOOL AND PUBLIC RELATIONS (3) Leadership in shaping the campus culture by facilitating the development, articulation, implementation and stewardship of a vision of learning shared and supported by the school community.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 534 Principal As A Supervisor (3 Credits)

THE PRINCIPAL AS A SUPERVISOR (3) Instructional leadership using a positive school culture, organizational practices; student academic success through instructional improvement and research based strategies with multiple opportunities to learn.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 537 Principles Of Educ Administrat (3 Credits)

PRINCIPLES OF EDUCATIONAL ADMINISTRATION (3) Overview of the nine state competencies addressing school and community, communication, mobilizing resources and legal practices with emphasis on the code of ethics.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 541 Curr Planning & Development (3 Credits)

ADMINISTRATION AND SUPERVISION OF CURRICULUM AND INSTRUCTION (3) Leadership for program development and implementation, strategic plans enhancing teaching and learning, curriculum alignment, resources, assessments and other means ensuring student success.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 634 School Finance (3 Credits)

FINANCE AND ECONOMICS OF PUBLIC EDUCATION (3) Current local, state and federal funding patterns and emerging alternatives. Money as a factor in equal educational opportunity. Economic value of education in American Society.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 636 Law In Human Resources (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 637 Budgeting (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 651 Human Resources Management (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 674 Prin of Instru Leadership (3 Credits)

PRINCIPLES OF SUPERVISION (3) History, philosophy and purposes of school supervision. Roles, qualifications, skills, responsibilities and personal characteristics of supervisors. Strategies for curriculum development, program improvement and staff growth. School supervision, qualifications, skills and responsibilities using sound research-based instructional strategies, decision-making, programs and services, which meet individual student needs.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 675 Leadership & Management of Ins (3 Credits)

TECHNIQUES OF SUPERVISION (3) Instructional supervision to sustain a positive campus culture; that includes the marginal teacher while promoting student achievement through staff development which meets individual student needs.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 678 Training & Professional Dev (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 679 Career Development (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 680 Seminar in Human Resources (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 682 HR & Performance MGMT (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 734 Superv Elem School Curriculum (3 Credits)

SUPERVISION OF ELEMENTARY SCHOOL CURRICULUM (3) Knowledge and skills of promoting the success of all students by facilitating the design and implementation of curriculum alignment, resources, and professional development opportunities for teaching and learning.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 735 Super High School Curriculum (3 Credits)

SUPERVISION OF THE HIGH SCHOOL CURRICULUM (3) Problems of departmentalized organization staffing, evaluation, and materials for middle and high schools. Special emphasis on programs designed to help urban students graduate.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 736 Seminar In School Problems (3 Credits)

SEMINAR IN SCHOOL PROBLEMS (3) Research analysis and discussion of current issues and constraints in school administration. Problems identified and discussed will address the three domains and nine competencies.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 770 The Superintendency (3 Credits)

THE SUPERINTENDENCY (3) Superintendent's role and function: promoting academic success for all students, mobilizing community resources, and implementing a vision for learning supported by all diverse entities.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 780 Problems in Administration (3 Credits)

PROBLEMS IN EDUCATIONAL ADMINISTRATION (3) Identification of current problems facing campus administrators regarding the campus community, culture, student success factors, learning differences, multicultural awareness, gender sensitivity and ethnic appreciation.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 781 Internship I (3,6 Credits)

Internship I (3) Practical experiences in a school setting under the direction of a university professor and practicing administrator.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 782 Internship II (3,6 Credits)

Internship II (3) Field based experiences with the requirement of an action research component with an approved proposal and completion.

Prerequisite(s): EDAS 781

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 783 Internship-Human Resources (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 788 Superintendent Internship (3 Credits)

Superintendent Internship (3) Collaboratively planned field based experiences incorporating specific skills, knowledge and beliefs, addressing the superintendent standards under the co-direction of practicing superintendents/assistant superintendents.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 800 Schl Org, Leadership & Mgmt (3 Credits)

Organization and Leadership and Management (3) Basic leadership and organizational structure for managing educational systems while acquiring the necessary resources for a safe, efficient, and effective learning environment.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 834 Adv Topics Sch Finance (3 Credits)

Advanced Topics in School Finance (3) Problems of educational finance, practice, federal-state-local relations in budgeting, working collaboratively with campus administrators in determining needs, goals, and resources to support student success.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 835 Sch Plant Plng & Mgt (3 Credits)

School Plant Planning and Management (3) Schoolhouse construction and renovation using educational specifications, bidding, dedication, energy conservation, operations and maintenance.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 836 School Law (3 Credits)

School Law (3) Constitutional, statutory and judicial aspects of the law affecting school boards, administrators, teachers, parents, and pupils. Knowledge of basic legislative, legal and judicial processes promoting student success.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 841 Group Proc in Edu Prob Solving (3 Credits)

Group Processes in Educational Problem Solving (3) Behavioral research, group dynamics and democratic processes using school centered issues focusing on the success of all students.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 842 Externship (3 Credits)

Externship (3) Seminar designed to provide hands-on tasks related to the standards and other related TExES materials regarding the leadership role of the principal.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 846 Cmptr Tech In Ed Admin (3 Credits)

Computer Technology in Educational Administration (3) Application of computer skills in addressing issues pertinent to the role of the school administrator regarding curriculum application and office management.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 850 Leadership & Campus Culture (3 Credits)

Leadership and Campus Culture (3) The principal's responsibility for utilizing effective school leadership in shaping the school/community learning vision, campus culture and responding to diverse needs of all populations.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 856 Restorative Discipline (3 Credits)

This course provides an introduction and exposure to the principles of restorative discipline and its application to the treatment of students for "breaking classroom and school rules." The framework of the course is, in part, based on social work values and the ethical decision-making process.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 876 Fundamentals of Athletic Administration (3 Credits)

This course provides an overview of athletic administration and introduces the philosophy of the role of athletics in education. The course examines fundamentals of administration of athletic programs and educates athletic administrators regarding potential risks and possible solutions in athletics. 3 credit hour course.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 880 Human Resources Lead & Mgmt (3 Credits)

Human Resources Leadership and Management (3) Knowledge of recruitment, selection, placement, training, evaluation and development systems of personnel, and maintenance system of records for staff and pupils.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 900 Ed Policy Development (3 Credits)

EDUCATIONAL POLICY DEVELOPMENT (3) Provides an understanding of how educational policy is developed and implemented, and an awareness that factors and mechanics involved, address the needs of a pluralistic society.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 933 Systems Mgmt Of Schools (3 Credits)

SYSTEMS MANAGEMENT OF SCHOOLS (3) In-depth study of the system approach to decision-making in education focusing on problems related to design, implementation and evaluation.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 934 Educational Finance (4 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 935 Sch Admin Hierarchy (3 Credits)

SCHOOL ADMINISTRATIVE HIERARCHY (3) Survey course that examines role, function, duties, and responsibilities of school leaders at varying levels in governance and administration of school programs.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 936 Doc Sem School Law (3 Credits)

DOCTORAL SEMINAR IN SCHOOL LAW (3) Study of laws as they relate to administrators, teachers, pupils, authority of local and state officials, property finance, and liability of school districts with emphasis on laws relating to urban education.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 939 Plng Ed Change (3 Credits)

PLANNING FOR EDUCATIONAL CHANGE (3) Study of planning process and implementation of change, particularly as it reflects on the urban community.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 950 Schools & The Community (3 Credits)

SCHOOLS AND THE COMMUNITY (3) Study of schools and their relationship with a pluralistic community. Emphasizes techniques to encourage involvement of all groups.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 951 Professional Negotiations (4 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 953 Evaluation Of Schools (3 Credits)

EVALUATION OF SCHOOLS (3) Emphasizes techniques for evaluating secondary and elementary schools. Studies criteria of the Southern Association of Colleges and Schools and the Texas Education Agency.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 955 Org & Admin Theory (3 Credits)

ORGANIZATION AND ADMINISTRATION THEORY (3) Review and analysis of important trends in behavioral, human relations, scientific and systems theory in the organization and management of schools.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 961 Ind Studies In Ed Admin (3-6 Credits)

INDEPENDENT STUDIES IN EDUCATIONAL ADMINISTRATION (1 6) Independent study or research on issues of education in an urban setting. (May be repeated).

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 963 Educational Finance (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 965 Internship in Superintendency (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 970 Advanced Superintendency (3 Credits)

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 973 Leadership Seminar (3 Credits)

LEADERSHIP SEMINAR (3) Examines leadership concepts and research findings as they relate to the urban community.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 976 Advanced Concepts of Athletic Administration (3 Credits)

This course provides an in depth view of athletic administration and examines the philosophy of the role athletics in education. The course examines advanced concepts of administration of athletic programs and educates athletic administrators regarding potential risks and possible solutions in athletics. 3 credit hours.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 978 Doctoral Internship (3-9 Credits)

DOCTORAL INTERNSHIP (6) Application of doctoral studies in practice supervised by field administrator and/or University faculty member. Related seminars.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 985 Seminar In Supervision (3 Credits)

SEMINAR IN SUPERVISION (3) Discussion of theory and research in resolving current issues of curriculum content, instructional techniques, and staff development including an assessment of the impact of these on the urban, inner-city students.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 988 Adv Sem In Ed Admin (3 Credits)

ADVANCED SEMINAR IN EDUCATIONAL ADMINISTRATION (3) Application of theoretical concepts from administration related fields which are applicable to urban settings.

College/School: College Of Education

Department: Dept of EducAdmin/Found

EDAS 998 Doc Colloq Ed Admin (3 Credits)

DOCTORAL COLLOQUIUM IN EDUCATIONAL ADMINISTRATION (3)
Colloquium on special topics in educational administration. May be repeated to a maximum of six (6) semester credit hours.

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDAS 999 Dissertation (3-12 Credits)

DOCTORAL DISSERTATION (6) Thorough study and analysis of in-depth topics in Educational Administration.

College/School: College Of Education
Department: Dept of EducAdmin/Found

Foundation Courses, EDFD**EDFD 576 His Black Ed In America (3 Credits)**

African-American Education (3) Traces the education of black people in America from their arrival from Africa to the present.

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDFD 581 Foundations Of Education (3 Credits)

Foundations of Education (3) Deals with the sociological, economic, philosophical and historical foundations of American education. Reports and research papers provide opportunities for individual exploration of special interests.

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDFD 633 Research (3 Credits)

Prerequisite(s): EPSY 831
College/School: College Of Education
Department: Dept of EducAdmin/Found

Education Psychology, EPSY**EPSY 831 Educ Statistics (3 Credits)**

EDUCATION STATISTICS (3) Basic introduction to descriptive and beginning inferential statistical techniques. Consideration given to the handling of statistical data with view toward developing an ability to understand the research literature.

College/School: College Of Education
Department: Dept of EducAdmin/Found

Master Level Higher Education, EDHI**EDAS 636 Law In Human Resources (3 Credits)**

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDAS 637 Budgeting (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDAS 651 Human Resources Management (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDAS 678 Training & Professional Dev (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDAS 679 Career Development (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDAS 680 Seminar in Human Resources (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDAS 682 HR & Performance MGMT (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDAS 783 Internship-Human Resources (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDHI 733 Intro to Higher Education (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDHI 734 Seminar in Strategic Planning (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDHI 744 Budgeting/Resource Allocation (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDHI 748 Org & Admin of Higher Edu (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDHI 750 Higher Education & The Law (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

EDHI 771 Student Development Services (3 Credits)

College/School: College Of Education
Department: Dept of EducAdmin/Found

Educational Administration (Community College Leadership Concentration), Doctor of Education Doctor of Education Degree Programs

The policies governing admission to the Doctor of Education (Ed.D.) degree program are as follows:

1. Student must apply for admission to the doctoral program through the Graduate School by completing an application and submitting all required documents (including GRE scores).
2. Completed applications are reviewed by the Doctoral Admissions Committee in the
3. major area and the names of applicants recommended for admission are submitted to the Graduate School.
4. Upon approval, the Dean of the Graduate School will notify applicants of the Committee's decision.

The **Department of Educational Administration and Foundations** offers a program concentration leading to the Doctor of Education Degree in Educational Administration in the areas of Educational Administration (K-12), Higher Education Administration and Community College Administration.

Educational Administration encompasses knowledge and skills from entities which either provide, regulate, or affect the formalized educational efforts of society. Thus, innovative, flexible approaches utilizing courses, seminars, field experiences, research projects, and other

educational media are used to provide the technical, conceptual, and human skills required of educational leaders.

Under the direction of the student's doctoral advisory committee, course plans are developed to meet individual needs, backgrounds, and future goals of each student.

Field experience opportunities are available to help students relate academic and theoretical work to the issues and concerns of administrative practices.

General Requirements

In addition to meeting the requirements for the Doctor of Education Degree as set forth in this bulletin, students majoring in Educational Administration shall:

1. Submit to the Graduate School an application for admissions to the department on forms provided by the Graduate School.
 2. Meet the requirements of the Department's Doctoral Screening Committee.
 3. Organize, with the approval of the Department Chairperson, a doctoral committee for advisement. The chairperson shall be from the Department of Educational Administration and Foundations.
 4. File an approved course plan with the doctoral advisor and the Graduate School Office.
 5. Complete a doctoral internship approved by the student's committee (if required).
5. Demonstrate acceptable proficiency in the use of the English language based upon performance on a standardized English Proficiency Test. (Performance on the Verbal portion of the GRE may be considered as adequate by the Doctoral Admission Committee).
 6. Have a personal interview with the department head and faculty in the area of the planned concentration.
 7. Make a score of at least 79 on the TOEFL or IELTS (iBT) = 6.0 (if not from an English speaking country). The following are some factors that may be included in the socioeconomic profile used in the admission process.
 - a. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
 - b. Applicant's status of first-generation to attend undergraduate school.
 - c. Applicant's status of first-generation to attend graduate or professional school.
 - d. Applicant is multilingual.
 - e. Applicant's employment while attending undergraduate school.
 - f. Applicant's role in helping rear other children in family.
 - g. Applicant's geographic residence in Texas at time of application.
 - h. Geographic region of applicant's high school.
 - i. Applicant's demonstration of performance in community activities.
 - j. Applicant's demonstration of commitment to a particular field of study.
 - k. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
 - l. The applicant's performance during a personal interview.
 8. Other criteria specified in H.B. 1641 will be considered.

Specific Requirements

Specific requirements will be determined by the student's doctoral advisor consistent with the requirements of the Graduate School and of the Department.

Admission Requirements

The criteria for admission to the Doctor of Education degree program are:

Unconditional Admission—The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative; writing score) that will be used in conjunction with the applicant's socioeconomic profile and the Masters grade point average to determine admission.

Non-negotiable Areas

In addition, the applicant must meet all of the following requirements:

1. Have an earned master's degree or its equivalent in a degree program with a grade point average of at least 3.25 ("B+") from an accredited institution of higher education.
2. Hold or earn, before completing the program, a teaching or administrative certificate, unless the area in which the individual specializes does not require certification.
3. Have a minimum of two (2) years of successful professional experience in teaching, administration, supervision, counseling or other career service, for example, personnel in business and industry, counselor, etc.
4. Submit recommendations from at least three persons including two (2) college faculty members in the applicant's most recent academic program and at least one (1) immediate supervisor of the applicant's professional work.

Conditional Admission - The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative) that will be used in conjunction with the applicant's socioeconomic profile and the Master's grade point average to determine admission to graduate programs. Failed to acquire at least a 3.5 on the Writing section of the GRE.

Additional Items Needed to be Considered

Writing Sample: Applicant will submit a handwritten writing sample that must be 300-600 words; and score 3.5 on the analytical writing section of the GRE. Interview: Applicant will be interviewed by members of the COE Admissions Committee. Oral Presentation: Applicant will be required to orally present a piece of work to the COE Admissions Committee.

Admission Requirements

The criteria for admission to the Doctor of Education degree program are:

Unconditional Admission—The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative; writing score) that will be used in conjunction with the applicant's socioeconomic profile and the Masters grade point average to determine admission. The GRE examination cannot be older than 5 years.

Non-negotiable Areas

In addition, the applicant must meet all of the following requirements:

1. Have an earned master's degree or its equivalent in a degree program with a grade point average of at least 3.25 ("B+") from an accredited institution of higher education.

2. Hold or earn, before completing the program, a teaching or administrative certificate, unless the area in which the individual specializes does not require certification.
3. Have a minimum of two (2) years of successful professional experience in teaching, administration, supervision, counseling or other career service, for example, personnel in business and industry, counselor, etc.
4. Submit recommendations from at least three persons including two (2) college faculty members in the applicant's most recent academic program and at least one (1) immediate supervisor of the applicant's professional work.
5. Demonstrate acceptable proficiency in the use of the English language based upon performance on a standardized English Proficiency Test. (Performance on the Verbal portion of the GRE may be considered as adequate by the Doctoral Admission Committee).
6. Have a personal interview with the department head and faculty in the area of the planned concentration
7. Make a score of at least 79 on the TOEFL or IELTS (iBT) = 6.0 (if not from an English speaking country). The following are some factors that may be included in the socioeconomic profile used in the admission process.
 - a. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
 - b. Applicant's status of first-generation to attend undergraduate school.
 - c. Applicant's status of first-generation to attend graduate or professional school.
 - d. Applicant is multilingual.
 - e. Applicant's employment while attending undergraduate school.
 - f. Applicant's role in helping rear other children in family.
 - g. Applicant's geographic residence in Texas at time of application.
 - h. Geographic region of applicant's high school.
 - i. Applicant's demonstration of performance in community activities.
 - j. Applicant's demonstration of commitment to a particular field of study.
 - k. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
 - l. The applicant's performance during a personal interview.
8. Other criteria specified in H.B. 1641 will be considered.

Additional Items Needed to be Considered

Writing Sample: Applicant will submit a handwritten writing sample that must be 300-600 words; and score 3.5 on the analytical writing section of the GRE. Interview: Applicant will be interviewed by members of the COE Admissions Committee. Oral Presentation: Applicant will be required to orally present a piece of work to the COE Admissions Committee.

(All courses must be approved by the department)

Code	Title	Hours
Leveling Courses		
EDFD 633	Research	3
EPSY 831	Educ Statistics	3
Total Hours		6

(Leveling Courses (as determined by the departmental admissions committee)).

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 524)	27
	Foundation Core Requirements (p. 524)	18
	Electives (p. 524)	3
	Internship (p. 525)	6
	Dissertation (p. 525)	6
Total Hours		60

Core Curriculum Requirements

Code	Title	Hours
Select twenty-seven (27) credits from the following:		
EDAS 900	Ed Policy Development	
EDAS 936	Doc Sem School Law	
EDHI 951	Personnel Admin High Ed	
EDAS 955	Org & Admin Theory	
EDHI 933	Intro To Study Of Higher Ed	
EDHI 937	Financing Of Higher Ed	
EDHI 939	Sem In Adm Of Higher Ed	
EDHI 942	Sem Governance Of Higher Ed	
EDHI 944	Resour Allocatin In Higher Ed	
EDHI 934	Admin And Organ Commun College	
EDHI 938	Curriculum Devt Comm College	
EDHI 950	Higher Ed & The Law	
EDHI 970	Urban Higher Ed	
EDHI 947	Comm College Student	
Total Hours		27

Foundation Core

Code	Title	Hours
EDFD 902/980	Theoretical Fdtns Of Ed	3
EDFD 903	Nature Methodology Ed Res	3
EDFD 905	Nature Meth Ed Res	3
EDFD 931	Ed Res Corr Stat Methods ¹	3
EDFD 932	Ed Res Sig Tests Stat Methods ¹	3
EDFD 997	Research Seminar ¹	3
Total Hours		18

Electives

Code	Title	Hours
Select one of the following:		
"XXX	XXX"	
EDFD 940	SPSS & Data Management	
EDAS 976	Advanced Concepts of Athletic Administration	
Total Hours		3

Internship

Code	Title	Hours
EDHI 968	Internship In Univ Admin	6
Total Hours		6

Dissertation

Code	Title	Hours
EDHI 999	Dissertation	6
Total Hours		6

Educational Administration (Higher Education Administration Concentration), Doctor of Education Doctor of Education Degree Programs

The policies governing admission to the Doctor of Education (Ed.D.) degree program are as follows:

1. Student must apply for admission to the doctoral program through the Graduate School by completing an application and submitting all required documents (including GRE scores).
2. Completed applications are reviewed by the Doctoral Admissions Committee in the
3. major area and the names of applicants recommended for admission are submitted to the Graduate School.
4. Upon approval, the Dean of the Graduate School will notify applicants of the Committee's decision.

The **Department of Educational Administration and Foundations** offers a program concentration leading to the Doctor of Education Degree in Educational Administration in the areas of Educational Administration (K-12), Higher Education Administration and Community College Administration.

Educational Administration encompasses knowledge and skills from entities which either provide, regulate, or affect the formalized educational efforts of society. Thus, innovative, flexible approaches utilizing courses, seminars, field experiences, research projects, and other educational media are used to provide the technical, conceptual, and human skills required of educational leaders.

Under the direction of the student's doctoral advisory committee, course plans are developed to meet individual needs, backgrounds, and future goals of each student.

Field experience opportunities are available to help students relate academic and theoretical work to the issues and concerns of administrative practices.

General Requirements

In addition to meeting the requirements for the Doctor of Education Degree as set forth in this bulletin, students majoring in Educational Administration shall:

1. Submit to the Graduate School an application for admissions to the department on forms provided by the Graduate School.

2. Meet the requirements of the Department's Doctoral Screening Committee.
3. Organize, with the approval of the Department Chairperson, a doctoral committee for advisement. The chairperson shall be from the Department of Educational Administration and Foundations.
4. File an approved course plan with the doctoral advisor and the Graduate School Office.
5. Complete a doctoral internship approved by the student's committee (if required).

Specific Requirements

Specific requirements will be determined by the student's doctoral advisor consistent with the requirements of the Graduate School and of the Department.

Admission Requirements

The criteria for admission to the Doctor of Education degree program are:

Unconditional Admission—The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative; writing score) that will be used in conjunction with the applicant's socioeconomic profile and the Masters grade point average to determine admission.

Non-negotiable Areas

In addition, the applicant must meet all of the following requirements:

1. Have an earned master's degree or its equivalent in a degree program with a grade point average of at least 3.25 ("B+") from an accredited institution of higher education.
2. Hold or earn, before completing the program, a teaching or administrative certificate, unless the area in which the individual specializes does not require certification.
3. Have a minimum of two (2) years of successful professional experience in teaching, administration, supervision, counseling or other career service, for example, personnel in business and industry, counselor, etc.
4. Submit recommendations from at least three persons including two (2) college faculty members in the applicant's most recent academic program and at least one (1) immediate supervisor of the applicant's professional work.
5. Demonstrate acceptable proficiency in the use of the English language based upon performance on a standardized English Proficiency Test. (Performance on the Verbal portion of the GRE may be considered as adequate by the Doctoral Admission Committee).
6. Have a personal interview with the department head and faculty in the area of the planned concentration.
7. Make a score of at least 79 on the TOEFL or IELTS (iBT) = 6.0 (if not from an English speaking country). The following are some factors that may be included in the socioeconomic profile used in the admission process.
 - a. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
 - b. Applicant's status of first-generation to attend undergraduate school.
 - c. Applicant's status of first-generation to attend graduate or professional school.
 - d. Applicant is multilingual.
 - e. Applicant's employment while attending undergraduate school.

- f. Applicant's role in helping rear other children in family.
 - g. Applicant's geographic residence in Texas at time of application.
 - h. Geographic region of applicant's high school.
 - i. Applicant's demonstration of performance in community activities.
 - j. Applicant's demonstration of commitment to a particular field of study.
 - k. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
 - l. The applicant's performance during a personal interview.
8. Other criteria specified in H.B. 1641 will be considered.

Conditional Admission - The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative) that will be used in conjunction with the applicant's socioeconomic profile and the Master's grade point average to determine admission to graduate programs. Failed to acquire at least a 3.5 on the Writing section of the GRE.

Additional Items Needed to be Considered

Writing Sample: Applicant will submit a handwritten writing sample that must be 300-600 words; and score 3.5 on the analytical writing section of the GRE. Interview: Applicant will be interviewed by members of the COE Admissions Committee. Oral Presentation: Applicant will be required to orally present a piece of work to the COE Admissions Committee.

Admission Requirements

The criteria for admission to the Doctor of Education degree program are:

Unconditional Admission—The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative; writing score) that will be used in conjunction with the applicant's socioeconomic profile and the Masters grade point average to determine admission. The GRE examination cannot be older than 5 years.

Non-negotiable Areas

In addition, the applicant must meet all of the following requirements:

1. Have an earned master's degree or its equivalent in a degree program with a grade point average of at least 3.25 ("B+") from an accredited institution of higher education.
2. Hold or earn, before completing the program, a teaching or administrative certificate, unless the area in which the individual specializes does not require certification.
3. Have a minimum of two (2) years of successful professional experience in teaching, administration, supervision, counseling or other career service, for example, personnel in business and industry, counselor, etc.
4. Submit recommendations from at least three persons including two (2) college faculty members in the applicant's most recent academic program and at least one (1) immediate supervisor of the applicant's professional work.
5. Demonstrate acceptable proficiency in the use of the English language based upon performance on a standardized English Proficiency Test. (Performance on the Verbal portion of the GRE may be considered as adequate by the Doctoral Admission Committee).
6. Have a personal interview with the department head and faculty in the area of the planned concentration

7. Make a score of at least 79 on the TOEFL or IELTS (iBT) = 6.0 (if not from an English speaking country). The following are some factors that may be included in the socioeconomic profile used in the admission process.
 - a. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
 - b. Applicant's status of first-generation to attend undergraduate school.
 - c. Applicant's status of first-generation to attend graduate or professional school.
 - d. Applicant is multilingual.
 - e. Applicant's employment while attending undergraduate school.
 - f. Applicant's role in helping rear other children in family.
 - g. Applicant's geographic residence in Texas at time of application.
 - h. Geographic region of applicant's high school.
 - i. Applicant's demonstration of performance in community activities.
 - j. Applicant's demonstration of commitment to a particular field of study.
 - k. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
 - l. The applicant's performance during a personal interview.
8. Other criteria specified in H.B. 1641 will be considered.

Additional Items Needed to be Considered

Writing Sample: Applicant will submit a handwritten writing sample that must be 300-600 words; and score 3.5 on the analytical writing section of the GRE. Interview: Applicant will be interviewed by members of the COE Admissions Committee. Oral Presentation: Applicant will be required to orally present a piece of work to the COE Admissions Committee.

(All courses must be approved by the department)

Code	Title	Hours
Leveling Courses		
EDFD 633	Research	3
EPSY 831	Educ Statistics	3
Total Hours		6

(Leveling Courses (as determined by the departmental admissions committee)).

Summary

Code	Title	Hours
Core Curriculum Requirements (p. 526)		
Core Curriculum Requirements (p. 526)		27
Foundation Core Requirements (p. 527)		18
Electives (p. 527)		3
Internship (p. 527)		6
Dissertation (p. 527)		6
Total Hours		60

Core Curriculum Requirements

Code	Title	Hours
Select twenty-seven (27) credits from the following:		
EDAS 900	Ed Policy Development	
EDAS 936	Doc Sem School Law	

EDAS 950	Schools & The Community
EDAS 955	Org & Admin Theory
EDHI 933	Intro To Study Of Higher Ed
EDHI 937	Financing Of Higher Ed
EDHI 939	Sem In Adm Of Higher Ed
EDHI 942	Sem Governance Of Higher Ed
EDHI 945	Sem Current Prob In Higher Ed
EDHI 948	Sem Planning And Mgmt High Ed
EDHI 950	Higher Ed & The Law
EDHI 951	Personnel Admin High Ed
EDHI 970	Urban Higher Ed
EDHI 971	Stu Affairs Admin High Ed

Total Hours 27

Foundation Core

Code	Title	Hours
EDFD 902/980	Theoretical Fdtns Of Ed	3
EDFD 903	Nature Methodology Ed Res	3
EDFD 905	Nature Meth Ed Res	3
EDFD 931	Ed Res Corr Stat Methods ¹	3
EDFD 932	Ed Res Sig Tests Stat Methods ¹	3
EDFD 997	Research Seminar ¹	3

Total Hours 18

Electives

Code	Title	Hours
Select one of the following:		
"XXX	XXX"	3
EDFD 940	SPSS & Data Management	3
EDAS 976	Advanced Concepts of Athletic Administration	3

Total Hours 3

Internship

Code	Title	Hours
EDHI 968	Internship In Univ Admin	6

Total Hours 6

Dissertation

Code	Title	Hours
EDHI 999	Dissertation	6

Total Hours 6

Educational Administration (Human Resources and Higher Education Concentration), Master of Arts

General Requirements

In addition to meeting the Graduate School's requirements for admission, retention, examinations, candidacy and graduation as listed elsewhere, requirements for admission to the department include: submitting an online application which includes personal information and

recommendations on forms provided by the Graduate School along with Graduate Record Examination scores taken within the last five (5) years.

1. Submit evidence of holding the Standard Teacher Certificate and at least two years creditable classroom teaching experience for the administrator certificate programs if seeking a principal certificate.
2. Complete requirements of the Department Screening Committee as approved by the Graduate School.
3. File a degree and/or certificate plan with the faculty advisor and with the Graduate School Office.
4. A Comprehensive Examination is administered to all students within six (6) hours of graduation. Eligibility to take the Comprehensive Examination, designed by the Educational Administration faculty, is determined by the advisor and the Department Chair. Passing the Comprehensive Examination with a minimum score of 70 is required for graduation.

(All courses must be approved by the department)

Summary

Code	Title	Hours	
Higher Ed Course Requirements (p. 527)			12
Human Resources Requirements (p. 527)			12
Internship (p. 528)			3
Master's Degree Requirements (p. 528)			9

Total Hours 36

Higher Ed Course Requirements

Code	Title	Hours	
EDHI 734	Seminar in Strategic Planning ¹	3	
EDHI 733	Intro to Higher Education ¹	3	
Select six credit hours from the following:			6
EDHI 744	Budgeting/Resource Allocation	3	
EDHI 748	Org & Admin of Higher Edu	3	
EDHI 750	Higher Education & The Law	3	
EDHI 771	Student Development Services	3	

Total Hours 12

¹ These courses are required in these areas.

Human Resource Courses

Code	Title	Hours	
EDAS 651	Human Resources Management ¹	3	
EDAS 680	Seminar in Human Resources ¹	3	
Select six credits from the following:			6
EDAS 636	Law In Human Resources	3	
EDAS 637	Budgeting	3	
EDAS 678	Training & Professional Dev	3	
EDAS 679	Career Development	3	
EDAS 682	HR & Performance MGMT	3	

Total Hours 12

¹ These courses are required in these areas.

Internship Requirements

Code	Title	Hours
EDAS 783	Internship-Human Resources	3
Total Hours		3

Master's Degree Requirements

Code	Title	Hours
EPSY 831	Educ Statistics	3
EDFD 633	Research	3
EDFD 581	Foundations Of Education	3
Total Hours		9

Course substitutions may be made with the approval of the Department Chairman, the Dean of the College of Education, and Dean of the Graduate School on forms provided by the Graduate School Office.

Educational Administration with no Certification, Master of Arts

General Requirements

In addition to meeting the Graduate School's requirements for admission, retention, examinations, candidacy and graduation as listed elsewhere, requirements for admission to the department include: submitting an online application which includes personal information and recommendations on forms provided by the Graduate School along with Graduate Record Examination scores taken within the last five (5) years.

1. Submit evidence of holding the Standard Teacher Certificate and at least two years creditable classroom teaching experience for the administrator certificate programs if seeking a principal certificate.
2. Complete requirements of the Department Screening Committee as approved by the Graduate School.
3. File a degree and/or certificate plan with the faculty advisor and with the Graduate School Office.
4. A Comprehensive Examination is administered to all students within six (6) hours of graduation. Eligibility to take the Comprehensive Examination, designed by the Educational Administration faculty, is determined by the advisor and the Department Chair. Passing the Comprehensive Examination with a minimum score of 70 is required for graduation.

(All courses must be approved by the department)

Summary

Code	Title	Hours
	Core Curriculum (p. 528)	24
	Foundation Core Requirements (p. 528)	9
	Electives (p. 528)	3
Total Hours		36

Core Curriculum

Code	Title	Hours
EDAS 532	School & Public Relation	3
EDAS 537	Principles Of Educ Administrat	3
EDAS 541	Curr Planning & Development	3

EDAS 675	Leadership & Management of Ins	3
EDAS 836	School Law	3
EDAS 800	Schl Org, Leadership & Mgmt	3
EDAS 850	Leadership & Campus Culture	3
EDAS 880	Human Resources Lead & Mgmt	3
Total Hours		24

Foundation Core Requirements

Code	Title	Hours
EDFD 576/581	His Black Ed In America	3
EPSY 831	Educ Statistics	3
EDFD 633	Research	3
Total Hours		9

Electives

Code	Title	Hours
Select one of the following:		
COUN 733	Sem Soc & Cult Diff	3
EDAS 736/780/841	Seminar In School Problems	
EDAS 834/835/846	Adv Topics Sch Finance	
EDAS 534/674/734/532	Principal As A Supervisor	
EDAS 856	Restorative Discipline	
EDAS 876	Fundamentals of Athletic Administration	
Total Hours		3

Course substitutions may be made with the approval of the Department Chairman, the Dean of the College of Education, and Dean of the Graduate School on forms provided by the Graduate School Office.

Educational Administration with Principal Certification, Master of Arts

General Requirements

In addition to meeting the Graduate School's requirements for admission, retention, examinations, candidacy and graduation as listed elsewhere, requirements for admission to the department include: submitting an online application which includes personal information and recommendations on forms provided by the Graduate School along with Graduate Record Examination scores taken within the last five (5) years.

1. Submit evidence of holding the Standard Teacher Certificate and at least two years creditable classroom teaching experience for the administrator certificate programs if seeking a principal certificate.
2. Complete requirements of the Department Screening Committee as approved by the Graduate School.
3. File a degree and/or certificate plan with the faculty advisor and with the Graduate School Office.
4. A Comprehensive Examination is administered to all students within six (6) hours of graduation. Eligibility to take the Comprehensive Examination, designed by the Educational Administration faculty, is determined by the advisor and the Department Chair. Passing the

Comprehensive Examination with a minimum score of 70 is required for graduation.

(All courses must be approved by the department)

Summary

Code	Title	Hours
	Core Curriculum (p. 529)	24
	Foundation Core Requirements (p. 529)	9
	Electives (p. 529)	3
	Internship (p. 529)	6
Total Hours		42

Core Curriculum

Code	Title	Hours
EDAS 532	School & Public Relation	3
EDAS 537	Principles Of Educ Administrat	3
EDAS 541	Curr Planning & Development	3
EDAS 675	Leadership & Management of Ins	3
EDAS 836	School Law	3
EDAS 800	Schl Org, Leadership & Mgmt	3
EDAS 850	Leadership & Campus Culture	3
EDAS 880	Human Resources Lead & Mgmt	3
Total Hours		24

Foundation Core Requirements

Code	Title	Hours
EDFD 576/581	His Black Ed In America	3
EPSY 831	Educ Statistics	3
EDFD 633	Research	3
Total Hours		9

Electives

Code	Title	Hours
Select one of the following:		3
COUN 733	Sem Soc & Cult Diff	
EDAS 736/780/841	Seminar In School Problems	
EDAS 846/834/835	Cmptr Tech In Ed Admin	
EDAS 534/674/634	Principal As A Supervisor	
EDAS 856	Restorative Discipline	
EDAS 876	Fundamentals of Athletic Administration	
Total Hours		3

Internship

Code	Title	Hours
EDAS 781	Internship I	3
EDAS 782	Internship II	3
Total Hours		6

Course substitutions may be made with the approval of the Department Chairman, the Dean of the College of Education, and Dean of the Graduate School on forms provided by the Graduate School Office.

Educational Administration, Doctor of Education

Doctor of Education Degree Programs

The policies governing admission to the Doctor of Education (Ed.D.) degree program are as follows:

1. Student must apply for admission to the doctoral program through the Graduate School by completing an application and submitting all required documents (including GRE scores).
2. Completed applications are reviewed by the Doctoral Admissions Committee in the
3. major area and the names of applicants recommended for admission are submitted to the Graduate School.
4. Upon approval, the Dean of the Graduate School will notify applicants of the Committee's decision.

The **Department of Educational Administration and Foundations** offers a program concentration leading to the Doctor of Education Degree in Educational Administration in the areas of Educational Administration (K-12), Higher Education Administration and Community College Administration.

Educational Administration encompasses knowledge and skills from entities which either provide, regulate, or affect the formalized educational efforts of society. Thus, innovative, flexible approaches utilizing courses, seminars, field experiences, research projects, and other educational media are used to provide the technical, conceptual, and human skills required of educational leaders.

Under the direction of the student's doctoral advisory committee, course plans are developed to meet individual needs, backgrounds, and future goals of each student.

Field experience opportunities are available to help students relate academic and theoretical work to the issues and concerns of administrative practices.

General Requirements

In addition to meeting the requirements for the Doctor of Education Degree as set forth in this bulletin, students majoring in Educational Administration shall:

1. Submit to the Graduate School an application for admissions to the department on forms provided by the Graduate School.
2. Meet the requirements of the Department's Doctoral Screening Committee.
3. Organize, with the approval of the Department Chairperson, a doctoral committee for advisement. The chairperson shall be from the Department of Educational Administration and Foundations.
4. File an approved course plan with the doctoral advisor and the Graduate School Office.
5. Complete a doctoral internship approved by the student's committee (if required).

Specific Requirements

Specific requirements will be determined by the student's doctoral advisor consistent with the requirements of the Graduate School and of the Department.

Admission Requirements

The criteria for admission to the Doctor of Education degree program are:

Unconditional Admission—The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative; writing score) that will be used in conjunction with the applicant's socioeconomic profile and the Masters grade point average to determine admission.

Non-negotiable Areas

In addition, the applicant must meet all of the following requirements:

1. Have an earned master's degree or its equivalent in a degree program with a grade point average of at least 3.25 ("B+") from an accredited institution of higher education.
2. Hold or earn, before completing the program, a teaching or administrative certificate, unless the area in which the individual specializes does not require certification.
3. Have a minimum of two (2) years of successful professional experience in teaching, administration, supervision, counseling or other career service, for example, personnel in business and industry, counselor, etc.
4. Submit recommendations from at least three persons including two (2) college faculty members in the applicant's most recent academic program and at least one (1) immediate supervisor of the applicant's professional work.
5. Demonstrate acceptable proficiency in the use of the English language based upon performance on a standardized English Proficiency Test. (Performance on the Verbal portion of the GRE may be considered as adequate by the Doctoral Admission Committee).
6. Have a personal interview with the department head and faculty in the area of the planned concentration.
7. Make a score of at least 79 on the TOEFL or IELTS (iBT) = 6.0 (if not from an English speaking country). The following are some factors that may be included in the socioeconomic profile used in the admission process.
 - a. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
 - b. Applicant's status of first-generation to attend undergraduate school.
 - c. Applicant's status of first-generation to attend graduate or professional school.
 - d. Applicant is multilingual.
 - e. Applicant's employment while attending undergraduate school.
 - f. Applicant's role in helping rear other children in family.
 - g. Applicant's geographic residence in Texas at time of application.
 - h. Geographic region of applicant's high school.
 - i. Applicant's demonstration of performance in community activities.
 - j. Applicant's demonstration of commitment to a particular field of study.

- k. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
- l. The applicant's performance during a personal interview.
8. Other criteria specified in H.B. 1641 will be considered.

Conditional Admission - The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative) that will be used in conjunction with the applicant's socioeconomic profile and the Master's grade point average to determine admission to graduate programs. Failed to acquire at least a 3.5 on the Writing section of the GRE.

Additional Items Needed to be Considered

Writing Sample: Applicant will submit a handwritten writing sample that must be 300-600 words; and score 3.5 on the analytical writing section of the GRE. Interview: Applicant will be interviewed by members of the COE Admissions Committee. Oral Presentation: Applicant will be required to orally present a piece of work to the COE Admissions Committee.

Admission Requirements

The criteria for admission to the Doctor of Education degree program are:

Unconditional Admission—The applicant must submit a Graduate Record Examination (GRE) score (combined verbal and quantitative; writing score) that will be used in conjunction with the applicant's socioeconomic profile and the Masters grade point average to determine admission. The GRE examination cannot be older than 5 years.

Non-negotiable Areas

In addition, the applicant must meet all of the following requirements:

1. Have an earned master's degree or its equivalent in a degree program with a grade point average of at least 3.25 ("B+") from an accredited institution of higher education.
2. Hold or earn, before completing the program, a teaching or administrative certificate, unless the area in which the individual specializes does not require certification.
3. Have a minimum of two (2) years of successful professional experience in teaching, administration, supervision, counseling or other career service, for example, personnel in business and industry, counselor, etc.
4. Submit recommendations from at least three persons including two (2) college faculty members in the applicant's most recent academic program and at least one (1) immediate supervisor of the applicant's professional work.
5. Demonstrate acceptable proficiency in the use of the English language based upon performance on a standardized English Proficiency Test. (Performance on the Verbal portion of the GRE may be considered as adequate by the Doctoral Admission Committee).
6. Have a personal interview with the department head and faculty in the area of the planned concentration
7. Make a score of at least 79 on the TOEFL or IELTS (iBT) = 6.0 (if not from an English speaking country). The following are some factors that may be included in the socioeconomic profile used in the admission process.
 - a. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
 - b. Applicant's status of first-generation to attend undergraduate school.

- c. Applicant's status of first-generation to attend graduate or professional school.
 - d. Applicant is multilingual.
 - e. Applicant's employment while attending undergraduate school.
 - f. Applicant's role in helping rear other children in family.
 - g. Applicant's geographic residence in Texas at time of application.
 - h. Geographic region of applicant's high school.
 - i. Applicant's demonstration of performance in community activities.
 - j. Applicant's demonstration of commitment to a particular field of study.
 - k. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
 - l. The applicant's performance during a personal interview.
8. Other criteria specified in H.B. 1641 will be considered.

Additional Items Needed to be Considered

Writing Sample: Applicant will submit a handwritten writing sample that must be 300-600 words; and score 3.5 on the analytical writing section of the GRE. Interview: Applicant will be interviewed by members of the COE Admissions Committee. Oral Presentation: Applicant will be required to orally present a piece of work to the COE Admissions Committee.

(All courses must be approved by the department)

Code	Title	Hours
Leveling Courses		
EDFD 633	Research	3
EPSY 831	Educ Statistics	3
Total Hours		6

(Leveling Courses (as determined by the departmental admissions committee)).

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 531)	27
	Foundation Core Requirements (p. 531)	18
	Electives (p. 531)	3
	Internship (p. 531)	6
	Dissertation (p. 531)	6
Total Hours		60

Core Curriculum Requirements

Code	Title	Hours
Select twenty-seven (27) credits from the following: 27		
EDAS 900	Ed Policy Development	
EDAS 933	Systems Mgmt Of Schools	
EDAS 935	Sch Admin Hierarchy	
EDAS 936	Doc Sem School Law	
EDAS 939	Plng Ed Change	
EDAS 950	Schools & The Community	
EDAS 953	Evaluation Of Schools	
EDAS 955	Org & Admin Theory	
EDAS 961	Ind Studies In Ed Admin	

EDAS 963	Educational Finance	
EDAS 965	Internship in Superintendency	
EDAS 970	Advanced Superintendency	
EDAS 973	Leadership Seminar	
EDAS 985	Seminar In Supervision	
EDAS 988	Adv Sem In Ed Admin	
EDAS 998	Doc Colloq Ed Admin	
Total Hours		27

Foundation Core

Code	Title	Hours
EDFD 902/980	Theoretical Fdtns Of Ed	3
EDFD 903	Nature Methodology Ed Res	3
EDFD 905	Nature Meth Ed Res	3
EDFD 931	Ed Res Corr Stat Methods ¹	3
EDFD 932	Ed Res Sig Tests Stat Methods ¹	3
EDFD 997	Research Seminar ¹	3
Total Hours		18

Electives

Code	Title	Hours
Select one of the following: 3		
EDFD 940	SPSS & Data Management	
EDAS 976	Advanced Concepts of Athletic Administration	
"XXX"	XXX"	
Total Hours		3

Internship

Code	Title	Hours
EDAS 978	Doctoral Internship	6
Total Hours		6

Dissertation

Code	Title	Hours
EDAS 999	Dissertation	6
Total Hours		6

Professional Principal Certification

(Must hold valid Master's Degree)

Professional Principal's Certificate

There are five requirements to obtain a Principal certificate through the Department of Educational Administration and Foundations:

- must hold a master's degree from a university that is accredited by an accrediting agency recognized by the Texas Higher Education Coordinating Board (THECB) (outside source) or the U.S. Department of Education Database for Accredited Colleges and Universities (outside source)
- hold a valid classroom teaching certificate
- have two years of creditable teaching experience as a classroom teacher

- successfully complete an approved principal educator preparation program (<https://secure.sbec.state.tx.us/SBECOnline/approvedprograms.asp>)
- successfully complete the required TExES Principal examination.

Professional Superintendent

There are four requirements to obtain a Superintendent certificate through the Department of Educational Administration and Foundations:

- must hold a master's degree from a university that is accredited by an accrediting agency recognized by the Texas Higher Education Coordinating Board (outside source) (<http://www.theccb.state.tx.us/?objectid=106BD76B-C2C9-1CED-D9AEAF20A2CEB4C3>) or the U.S. Department of Education Database for Accredited Colleges and Universities (outside source) (<https://ope.ed.gov/dapip/#/home>)
- hold a Principal certificate or the equivalent issued by the TEA, another state or country or,
- completed the superintendent certificate application (PDF, 314 KB) and been approved by the TEA to substitute managerial experience in lieu of a principal certificate
- one year of practical administrative experience
- successfully complete an approved superintendent educator preparation program (<https://tea.texas.gov/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=25769825430&libID=25769825526>) (12 hours)
- successfully complete the required Texas Superintendent examination.

Principal Certification Redesign

Given the evolving role of the principal as an instructional leader and the needs of Texas schools and communities, the State Board for Educator Certification (SBECE) adopted new principal standards in 2016. Informed by the expertise of practicing principals, principal preparation program faculty, and other educators and aligned with the Texas Principal Evaluation and Support System (T-PRESS), the new standards emphasize the critical role of the school principal with an increased emphasis on instructional leadership.

With the implementation of the new standards, the Texas Education Agency (TEA) began working with principal preparation program faculty and practicing principals to develop a new test framework and new test instruments to certify Texas principals. The new instruments have been created to reflect the skills needed for beginning principals to be effective.

Principal certificate candidates can expect the following changes:

- All candidates will need to pass the new **TExES Principal (268)** and complete the **Performance Assessment for School Leaders (PASL)** to obtain a standard principal certification starting on **9/1/2019**.
- Candidates who pass the TExES Principal (268) assessment by **8/31/2019** will be exempt from the PASL and will receive their standard certification with a passing score on the TExES Principal (268) test if they complete all other certification requirements (e.g., course work, practicum) by **8/31/2019** and apply and are recommended for certification by 10/30/2019.
- The TExES Principal (268) test will be offered for free to eligible candidates during the initial testing windows in December 2018 through February 2019. Eligible candidates include only those candidates who have never attempted the TExES Principal (68) test.

Scores for the initial testing period will be reported in **late June or early July 2019**.

- The PASL will become available to candidates in **fall of 2019**.
- Given the timing of the changes above, it is recommended that all principal candidates entering programs on 1/1/2018 or later begin preparation for the TExES Principal (268) and PASL assessments.

How does this impact the current TExES Principal (068) test?

- The TExES Principal (068) test will be available to first-time test takers through 12/31/2018 and for re-testers through 8/31/2019.

Program Standards for the Principalship

The Master's degree with Principal certification and the Master's degree with no certification is offered completely online. The program is designed to assist working professionals the opportunity to earn a Master's degree without interrupting their work schedules. The programs in Educational Administration are designed to develop competent, caring, committed and culturally responsive educators and individuals who meet stated competencies. The Texas Principal Standards have been developed and utilized in our program in accordance with Chapter 149 of the *Texas Administrative Code*.¹ The standards serve as a guide for improving school productivity, increasing student achievement, and continually reflecting upon and improving principal effectiveness as a leader throughout all career stages.

Standard 1--Instructional Leadership.

The principal is responsible for ensuring every student receives high-quality instruction.

Standard 2--Human Capital.

The principal is responsible for ensuring there are high-quality teachers and staff in every classroom and throughout the school.

Standard 3--Executive Leadership.

The principal is responsible for modeling a consistent focus on and commitment to improving student learning.

Standard 4--School Culture.

The principal is responsible for establishing and implementing a shared vision and culture of high expectations for all staff and students.

Standard 5--Strategic Operations.

The principal is responsible for implementing systems that align with the school's vision and improve the quality of instruction.

¹ *Statutory Authority: The provisions of this §149.2001 issued under the Texas Education Code, §21.3541. Source: The provisions of this §149.2001 adopted to be effective June 8, 2014, 39 TexReg 4245.*

General Requirements

In addition to meeting the Graduate School's requirements for admission, retention, examinations, candidacy and graduation as listed elsewhere, requirements for admission to the department include: submitting an online application which includes personal information and recommendations on forms provided by the Graduate School along with Graduate Record Examination scores taken within the last five (5) years.

1. Submit evidence of holding the Standard Teacher Certificate and at least two years creditable classroom teaching experience for the administrator certificate programs if seeking a principal certificate.
2. Complete requirements of the Department Screening Committee as approved by the Graduate School.
3. File a degree and/or certificate plan with the faculty advisor and with the Graduate School Office.
4. A Comprehensive Examination is administered to all students within six (6) hours of graduation. Eligibility to take the Comprehensive Examination, designed by the Educational Administration faculty, is determined by the advisor and the Department Chair. Passing the Comprehensive Examination with a minimum score of 70 is required for graduation.
2. successfully complete a State Board for Educator Certification-approved superintendent preparation program and be recommended for certification by that program; and
3. hold, at a minimum, a master's degree from an accredited institution of higher education that at the time was accredited or otherwise approved by an accrediting organization recognized by the Texas Higher Education Coordinating Board; and
4. hold, at a minimum, a principal certificate or the equivalent issued under this title or by another state or country; or
5. have at least three creditable years of managerial experience in a public school district.
 - a. The managerial experience must include responsibility for:
 - i. supervising or appraising faculty or staff;
 - ii. conducting district-level planning and coordination of programs, activities, or initiatives; and
 - iii. creating or maintaining a budget.
 - b. The candidate must submit an application to Texas Education Agency (TEA) staff for the substitution of managerial experience as defined in this paragraph. The TEA staff will review the application and will notify the applicant, in writing, of approval or denial within 60 calendar days from date of receipt.

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 533)	24
	Internship (p.)	6
	Total Hours	30

Core Curriculum Requirements

Code	Title	Hours
EDAS 532	School & Public Relation	3
EDAS 537	Principles Of Educ Administrat	3
EDAS 541	Curr Planning & Development	3
EDAS 675	Leadership & Management of Ins	3
EDAS 836	School Law	3
EDAS 800	Schl Org, Leadership & Mgmt	3
EDAS 850	Leadership & Campus Culture	3
	Total Hours	21

Internship

Code	Title	Hours
EDAS 781	Internship I	3
EDAS 782	Internship II	3
	Total Hours	6

Course substitutions may be made with the approval of the Department Chairman, the Dean of the College of Education, and Dean of the Graduate School on forms provided by the Graduate School Office.

Superintendent Certification Program Standards for the Superintendent Certificate Standards

The Texas Education Code, Section 11.201, identifies the functions of a school district's superintendent: Requirements for the Issuance of the Standard Superintendent Certificate. To be eligible to receive the standard Superintendent Certificate, a candidate must:

1. satisfactorily complete an examination based on the standards identified in §242.15 of this title (relating to Standards required for the Superintendent Certificate); and

Source: The provisions of this §242.20 adopted to be effective March 14, 1999, 24 TexReg 1617; amended to be effective September 2, 1999, 24 TexReg 6751; amended to be effective April 28, 2002, 27 TexReg 3354; amended to be effective July 13, 2004, 29 TexReg 6646; amended to be effective October 25, 2009, 34 TexReg 7202; amended to be effective February 28, 2016, 41 TexReg 1246.

Standard I Superintendent Certificate Standards

The knowledge and skills identified in this section must be used by an educator preparation program in the development of curricula and coursework and the State Board for Educator Certification as the basis for developing the examinations required to obtain the standard Superintendent Certificate. The standards also serve as the foundation for the individual assessment, professional growth plan, and continuing professional education activities required by §242.30 of this title (relating to Requirements to Renew the Standard Superintendent Certificate).

Standard II Learner-Centered Values and Ethics of Leadership

A superintendent is an educational leader who promotes the success of all students by acting with integrity, fairness, and in an ethical manner.

Standard III. Learner-Centered Leadership and School District Culture.

A superintendent is an educational leader who promotes the success of all students and shapes school district culture by facilitating the development, articulation, implementation, and stewardship of a vision of learning that is shared and supported by the school community.

Standard IV Learner-Centered Human Resources Leadership and Management.

A superintendent is an educational leader who promotes the success of all students by implementing a staff evaluation and development system to improve the performance of all staff members, selects and implements appropriate models for supervision and staff development, and applies the legal requirements for personnel management.

Standard V Learner-Centered Policy and Governance.

A superintendent is an educational leader who promotes the success of all students by understanding, responding to, and influencing the larger political, social, economic, legal, and cultural context and by working with the board of trustees to define mutual expectations, policies, and standards.

Standard VI Learner-Centered Communications and Community Relations.

A superintendent is an educational leader who promotes the success of all students by collaborating with families and community members, responding to diverse community interests and needs, and mobilizing community resources.

Standard VII Learner-Centered Organizational Leadership and Management.

A superintendent is an educational leader who promotes the success of all students by leadership and management of the organization, operations, and resources for a safe, efficient, and effective learning environment.

Standard VIII Learner-Centered Curriculum Planning and Development.

A superintendent is an educational leader who promotes the success of all students by facilitating the design and implementation of curricula and strategic plans that enhance teaching and learning; alignment of curriculum, curriculum resources, and assessment; and the use of various forms of assessment to measure student performance.

Standard IX Learner-Centered Instructional Leadership and Management.

A superintendent is an educational leader who promotes the success of all students by advocating, nurturing, and sustaining a school district culture and instructional program conducive to student learning and staff professional growth.

Source: The provisions of this §242.15 adopted to be effective March 14, 1999, 24 TexReg 1617; amended to be effective September 2, 1999, 24 TexReg 6751; amended to be effective October 25, 2009, 34 TexReg 7202

General Requirements

In addition to meeting the Graduate School's requirements for admission, retention, examinations, candidacy and graduation as listed elsewhere, requirements for admission to the department include: submitting an online application which includes personal information and recommendations on forms provided by the Graduate School along with Graduate Record Examination scores taken within the last five (5) years.

1. Submit evidence of holding the Standard Teacher Certificate and at least two years creditable classroom teaching experience for the administrator certificate programs if seeking a principal certificate.
2. Complete requirements of the Department Screening Committee as approved by the Graduate School.
3. File a degree and/or certificate plan with the faculty advisor and with the Graduate School Office.
4. A Comprehensive Examination is administered to all students within six (6) hours of graduation. Eligibility to take the Comprehensive Examination, designed by the Educational Administration faculty, is determined by the advisor and the Department Chair. Passing the Comprehensive Examination with a minimum score of 70 is required for graduation.

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 534)	9
	Internship (p.)	3
Total Hours		12

Core Curriculum Requirements

Code	Title	Hours
EDAS 835/988	Sch Plant Plng & Mgt	3
EDAS 834/955/953	Adv Topics Sch Finance	3
EDAS 770/970	The Superintendency	3
Total Hours		9

Internship

Code	Title	Hours
EDAS 788/965/978	Superintendent Internship	3

Course substitutions may be made with the approval of the Department Chairman, the Dean of the College of Education, and Dean of the Graduate School on forms provided by the Graduate School Office.

Department of Health and Kinesiology

The Mission of the Department of Health and Kinesiology is to prepare students for the fields of Health, Physical Education, and Sport through integrating theoretical and applied practice to promote active learning and career preparation. The department offers online and traditional courses which provide students an opportunity to tailor both graduate degrees to their personal needs.

The Department of Health and Kinesiology offers two graduate degrees: a Master of Science degree in Health & Kinesiology (HK) and a Master of Science degree Sport Studies & Sport Leadership (SSSL).

Master of Science Degree in Health & Kinesiology

The graduate HK curriculum was developed for the P-12 health and physical educator as well as the professional practitioners looking to advance their career in the fields of Health and Physical education. Upon completion of the program, graduates are prepared to work in healthcare, private and public sectors, as well as academic settings.

The program offers two concentrations Health and Kinesiology. Students seeking a concentration in health will be introduced current health issues, epidemiology, and community health education. Whereas students seeking a kinesiology concentration will be introduced to advanced theories and practice in physical education, strength and fitness development, and curriculum content in health and physical education.

Program Requirements

Students in this major will complete a total of thirty-six (36) semester credit hours of graduate courses (500 level or above): A minimum of twenty-seven (27) of these credit hours must be completed in health education or kinesiology and nine (9) of these semester credit hours must

be elective courses in Health, Kinesiology, and/or Sport Studies and Sport Leadership courses. In addition, the Master of Science degree in Health & Kinesiology requires satisfactory completion of a comprehensive exam.

Master of Science Degree in Sport Studies and Sport Leadership

The Masters in Sport Studies and Sport Leadership (SSSL) program at Texas Southern University (TSU) offers graduate courses focused on the business of sport. The program offers a thesis and non-thesis track as well as concentrations in Sport Administration and Sport Management. Upon completion of the SSSL program, graduates are prepared for leadership and customer-service based roles in the sports industry.

The program offers two concentrations in Sport Administration and Sport Management. Students seeking a concentration in Sport Administration will be prepared to assume leadership roles in the sports industry. Whereas students seeking a Sport Management concentration will be prepared to assume customer service and fan engagement based positions in the field of sport.

Students may choose between a thesis and a non-thesis track. Students selecting the thesis track will learn more about research and typically have desire to pursue a doctoral degree. Under the direction and approval of a faculty advisor, students will complete a master thesis.

In the non-thesis track, students will have an opportunity to gain practical experience by completing an internship. Students selecting this track typically are preparing to enter or enhance their current career in the field of sport.

Transfer Credit

A maximum of six (6) credit hours successfully completed at a regionally accredited institution of higher learning can be applied towards the SSSL degree requirements. In addition, only courses with an earned grade of "B" or better can be applied toward the degree. Also, these courses must be comparable to the SSSL curriculum and must be approved by the program graduate faculty.

Program Requirements

Students in this major will complete a total of thirty-six (36) semester credit hours of graduate courses (500 level or above): A minimum of twenty-seven (27) of these credit hours must be completed in Sport Studies and Sport Leadership and a minimum nine (9) approved elective credit hours must be must completed. In addition, the Master of Science degree in Sport Studies and Sport Leadership requires satisfactory completion of a comprehensive exam.

- Health & Kinesiology (Health Education Concentration), Master of Science (p. 539)
- Health & Kinesiology (Kinesiology Concentration), Master of Science (p. 540)
- Sport Studies and Sport Leadership (Sport Administration Concentration Non-Thesis), Master of Science (p. 541)
- Sport Studies and Sport Leadership (Sport Administration Concentration Thesis Option), Master of Science (p. 541)
- Sport Studies and Sport Leadership (Sport Management Concentration Non-Thesis), Master of Science (p. 542)
- Sport Studies and Sport Leadership (Sport Management Concentration Thesis Option), Master of Science (p. 543)

Health Education Course Descriptions

HED 532 Epid & Human Ecol (3 Credits)

EPIDEMIOLOGY AND HUMAN ECOLOGY (3) Biologic relations between man and his environment and other organisms. Identification of factors influencing health and disease in a population. An examination of epidemiological methods to understand their technique of hypothesis formation, retrospective and prospective methods, and sampling problems.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 534 Survey Of Health Politics (3 Credits)

SURVEY OF HEALTH POLITICS (3) An in-depth analysis of laws pertaining to the health field; impact of relationships between and among patients, patients' families, providers and other third party participants. A review of selected Texas statutes and health litigation will be conducted.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 535 Sem International Health (3 Credits)

SEMINAR IN RURAL AND INTERNATIONAL HEALTH (3) Presentation of topics related to rural and international health systems and impact of these systems on state, national, and international perspectives.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 536 Contemp Urban Hlth Probs (3 Credits)

CONTEMPORARY URBAN HEALTH PROBLEMS (3) Review of factors relating to selected high morbidity and mortality in urban environments; distribution of urban health services; impact and utilization of urban wellness programs. Study of related problems faced by practicing health educators in a rapidly changing society and health care industry and service system.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 538 Health Probs Ot The Aged (3 Credits)

HEALTH ISSUES OF AGING, DEATH AND DYING (3) Emphasis on social, economic, and physical problems of the aged and benefits of wellness programs. Community response to health problems of aging persons; issues related to death.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 570 Admin Of Health Education (3 Credits)

ORGANIZATION AND ADMINISTRATION OF SCHOOL AND COMMUNITY HEALTH EDUCATION (3) Principles and functions of organization and administration of school and community agencies. Designed to assist the health education specialist to develop and manage formalized school and community educational programs. Emphasis on wellness.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 571 Hlth Probs Alco Nar & Tobacco (3 Credits)

HEALTH PROBLEMS OF ALCOHOL, NARCOTICS, AND TOBACCO (3) A comprehensive study of the harmful and beneficial effects of drugs, the physical effects, and socioeconomic-cultural impacts on the community, especially among youth. Legislative and educational efforts in this area.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 572 Safety Education (3 Credits)

SAFETY EDUCATION (3) Advanced study of situations related to safety in contemporary society; focus on physical, biological, environmental, and cultural influences that impact safety of individuals in a global society.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 573 Community Health Problems (3 Credits)

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 574 Hlth Manpower Issues (3 Credits)

HEALTH MANPOWER ISSUES (3) Survey of health occupations by job function, geographic distribution, functional equivalencies, and available training. Issues development and trends in the discipline in schools, the community, industry, and institutional settings. Review of issues confronting health personnel.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 577 Human Sexuality & Dev (3 Credits)

HUMAN SEXUALITY: ISSUES AND CONSIDERATIONS (3) Advanced study exploring biological, psychological, social/cultural dimensions of human sexuality as these are affected by human relations. Focuses on issues related to impact of sexuality on human wellbeing and quality of life.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 831 Research Planning (3 Credits)

RESEARCH PLANNING IN HEALTH AND PHYSICAL EDUCATION (3) Research design application to HPE. Provides a conceptual understanding of theories, tools, and processes involved in designing research studies.

College/School: College Of Education

Department: Dept of Health & Kinesiology

HED 890 Thesis in Health (3 Credits)

College/School: College Of Education

Department: Dept of Health & Kinesiology

Kinesiology

KIN 502 Strength & Fitness Devel (3 Credits)

Strength and Fitness Development (3) Theoretical bases of strength development; recognition of the compounds of fitness; development and evaluation of fitness programs and types of strength.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 531 Advanced Theory & Practice (3 Credits)

Advanced Theory and Practice (3) A study of the technique and strategy used in various physical education and fitness programs and types of strength.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 534 Admin Of Athletics (3 Credits)

Administration of Athletics (3) A study of administrative details, policies, and procedures related to high school and college athletics.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 535 Adv Tests Meas Hlth Phy Ed Rec (3 Credits)

Advanced Tests and Measurements (3) A study of various kinds of tests used in the field of physical education; includes practical experience in the administration of tests and the use of statistics to interpret test scores.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 536 Adapt Phy Edu For Atypica (3 Credits)

Adapted Physical Education for the Atypical Individual (3) The various types of physical activities and the ways in which they may be modified to meet the needs of individuals who are physically handicapped to the extent that they are unable to participate in the regular program of physical education activities.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 540 Sports Psychology (3 Credits)

Sports Psychology (3) A study of motivation, communication, stress management, the use of natural energy, and other fascinating topics for enhancing coach-athlete relationships and for stimulating improved sports performers. Also, ACEP Certification.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 576 Motivational Aspects Phys (3 Credits)

Motivational Aspects of Physical Activity (3) An analysis of factors influencing motivation of motor performance with emphasis on competition, audience effects, aggression, etc.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 578 Motor Development (3 Credits)

Motor Development (3) Hereditary and environmental determinants of motor development; motor and behavior skills of infants, children, adolescents, and adults; changes in size, body build, fitness, and motor performances. Current theories of motor performances.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 631 Curr Study In Admin Of Phy Edu (3 Credits)

Current Studies in the Administration of Health and Physical Education (3) Studies of representative programs of physical education and a discussion of standards for evaluating such programs, offered for administrative officers, as well as for teachers and directors of physical education.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 632 Supv Of Hlth & Phys Ed (3 Credits)

Supervision of Health and Physical Education (3) A critical study of methods of instruction and procedures in supervision. Provision is made for the required observation of and participation in physical education classes.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 633 Curr Cont Mthd Hlth & Phy Edu (3 Credits)

Curriculum Content and Methods in Health and Physical Education (3) An analysis of curriculum theory and design for physical education.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 638 Physiology Of Exercise II (3 Credits)

Physiology of Exercise (3) A study of the effects of exercise on the organism.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 676 Motivational Aspects Phys (3 Credits)

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 831 Research Planning (3 Credits)

Research Planning in Health, Human Performance, and Recreation (3) Research design applicable to HPE. Provides a conceptual understanding of theories, tools, and processes involved in designing research studies.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 833 Sport Management & Marketing (3 Credits)

Sports Management and Marketing (3) Presentation of cognitive data and experiences in relation to sports and athletic marketing/ management. The problem approach is used as the primary technique in methodology in the solution of marketing/management problems.

College/School: College Of Education

Department: Dept of Health & Kinesiology

KIN 890 Thesis in Human Performance (3 Credits)

College/School: College Of Education

Department: Dept of Health & Kinesiology

Foundation

SSFD 561 The History of Historically Black Colleges & Universities and the Sporting HBCU Diaspora (3 Credits)

This course takes a look at sports sociology in a global, issues-oriented approach to study the role of sport in society. It encourages the discussion of current sports-related controversies and helps students develop critical thinking skills. It reviews the history of Black College Sports, specifically the SWAC and the role Black College Sports plays in Texas.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSFD 562 Socio-Cultural and Ethical Foundations of Sport (3 Credits)

This course will enable students to have an understanding of the socio-cultural environment in which sport exists, the socio-cultural and ethical dilemmas confronted in sport, the social stratification and mobility opportunities provided through sport, the commercialization and mass media exploitation in sport, and the barriers to sport participation, including ethical and gender issues. Philosophical, political, societal moral, race, class and sexuality issues within sport will be addressed.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSFD 661 Legal Aspects of Sport Business (3 Credits)

This course is a comprehensive review of legal aspects affecting sport, recreation, and fitness Industries. The range of review includes civil procedure; contracts; employment, leases, waivers; tort liability for coaches, administrators, employees, and independent contractors; 14th Amendment, Due Process and Equal Protection; product liability; and statutory regulation including Title VII, Title IX, ADA, Anti-Trust and IRS code.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSFD 663 African Americans, Latin Americans & Women In Sports And The Sport Industry (3 Credits)

Knowledge of African American and Hispanic world views, cultural values, societal and socioeconomic factors form a basis for evaluation and development of physical activity/sport programs to assist academic retention and success. A historical and sociological study of women and sports in American culture and an examination of the recent changes in women's athletics.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSFD 664 Problems In Urban Recreation and Sports (3 Credits)

This course provides a critical analysis of the causes and consequences of contemporary problems in urban sports. Students will utilize the case-study approach to examine the social, political and economic factors influencing the structure and experience of sport in American cities. Emphasis will be placed on formulating solutions and potential strategies to address identified problems.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSFD 667 Graduate Sport Management Practicum (3 Credits)

Student is placed in a full-time position in the sport industry.

(Prerequisites: Students must have completed all course work, must have successfully passed the comprehensive examination, and must have an approved application for Practicum. Also, an acceptable site must be available.) (Prerequisite: All preceding requirements for Master of Science.)

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSFD 668 Graduate Thesis In Progress (3 Credits)

The writing of the thesis is under the supervision of a thesis advisor from the graduate faculty of the Department of Health and Kinesiology. (Prerequisite: All preceding requirements for Master of Science.)

College/School: College Of Education

Department: Dept of Health & Kinesiology

Sport Management

SSSM 531 Sport Marketing, Sport Publicity & Promotion (3 Credits)

Foundations of consumer behavior and sport marketing planning. Design and implementation of marketing plans. The integration of product, pricing, promotion, distribution, sales, sponsorship, advertising, and branding in the marketing of sport goods and services. Analysis of leagues, teams, events, properties, corporations, and manufacturers. The role of ethics in sport marketing. Covers the application of various promotional strategies such as advertising, direct sales, sales promotions and publicity and examines how those strategies are integral to a sport organization's marketing plan.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSM 533 Business Development Strategies and Ticket Sales (3 Credits)

This course offers a comprehensive understanding of business development and the sales process in the sport industry. Beginning with a fundamental overview of business development and sales theory and strategy, the course then provides sport specific insight into negotiation in the sport sponsorship process as well as ticket sales department structure, techniques and strategies. The role of ethics in business development and sales will be discussed.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSM 646 Sports Information, Media Relations, Social Networking, and Brand Creation (3 Credits)

Emphasizes building and managing an effective media relations program on the intercollegiate and professional level. Examines news releases, hometown features, contest management, press conferences, statistics, and publications. After successful completion of this course, students will be able to explain the role of print media (newspapers and magazines), electronic (radio, network television and cable television) and new media (internet and related digital and social interactive technologies) in escalating the interest, coverage, and importance of big-time college and professional sport.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSM 648 Strategic Management & Finance In Sports (3 Credits)

Strategic management and human resources. Understanding the value chain, competitive forces that affect a firm, factors affect each force, strategic choices including low-cost leader and differentiated products, methods to achieve each strategic choice. Also, understanding groups and teams, negotiation, resource allocation, governance, recruitment of employees, training and development, employee motivation and compensation. The role of ethics in strategic management and human resources. Develop an understanding of how to apply basic principles and concepts of finance in the operation of athletics and sports programs and some critical skills of financial management required of sports administrators.

College/School: College Of Education

Department: Dept of Health & Kinesiology

Sport Operation**SSSO 531 Sport Operation & Facility Preparation (3 Credits)**

This course is concerned with the study of operations management in sport organizations. Students will consider the processes of design, implementation and control of sport service operations. The course will include examination of performance management techniques and their application to the sport and recreation context. Examination of current practice will be undertaken throughout the course. Principles and techniques of planning and operating sport facilities. Emphasizes principles and concepts of organization and administration including communication, personnel management, management of physical resources, and risk management. Examines variety of sport operations such as indoor stadiums, athletic field complexes and managing recreation and intramural activities.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSO 533 Sport Operation Management (3 Credits)

This course focuses on the operations management of games, events, experiences and activities within the world of Sport. All operations provide goods and services by devising processes which transform or change the state or condition to produce output. Sport and related activities are no exception. The operations manager is responsible for the activities, decision-making and duties associated with managing the transformation process. Applies the principles and functions of management to the development, operation, and financing of sports facilities, including public and private arenas, coliseums, and stadiums. Use of risk management, feasibility studies, and financial concepts.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSO 646 Sport Facility Management & Sport Event Planning (3 Credits)

The course will examine several different types of sporting facilities. The course will also delineate the factors involved in the planning, design and management of each facility. At the conclusion of the course, the student will be able to identify the strengths and weaknesses of several facilities and will be able to design a hypothetical facility. Introduces students to principles and practices of planning, funding, operating and evaluating events within the sport industry. This course includes actual hands on involvement with event planning and management.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSO 648 Front Office Operation In Sport (3 Credits)

This course will examine the various organizational structures and business practices employed by a 'front office' in the sports industry. Students will examine the interaction of revenue production (both traditional and non-traditional). A study of a systematic front office lodging procedures and operations, including identification and duties of the front office staff, guest relations, front office salesmanship, room procedures and handling of cash/credit transactions. Topics include ticket collection, ticket/guest list, guest satisfaction, occupancy and revenue management, security, interdepartmental communications, and related services.

College/School: College Of Education

Department: Dept of Health & Kinesiology

Recreation and Leisure Studies Courses**SSRL 551 Aquatic Facility Management (3 Credits)**

Operation, maintenance, and management of aquatic facilities used for recreation, exercise, therapy, competition, education programs, and other aquatic-related programs. Aquatic Facility Management provides current and future aquatics professionals with a complete guide to running aquatics programs safely and effectively. This practical reference covers everything an aquatics director needs.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSRL 553 Fiscal Policies For Recreation and Leisure Services Organizations (3 Credits)

Application of fiscal policies and procedures to operation of recreation, leisure services, and sport related organizations. Organizational fiscal policy, finance, performance based budgeting, revenue generating strategies, cash and inventory control, commercial/public cooperative ventures, development of logic models, fundraising and development, and strategies for seeking grants and contracts.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSRL 676 Risk Management and Legal Liability in Recreation and Leisure Activities (3 Credits)

Legal issues related to delivery of recreation, leisure and recreational sport services including legal foundations, liability and tort policy, employment laws, disability services, malpractice concerns, insurance, and current issues. This course is designed to assist individuals in developing risk management strategies. Content includes fundamentals of facility design and preventive maintenance in recreation, park, and tourism settings. This is a problem-based learning course, including case study, problem solving, project applications, and working with stakeholders. The course reviews negligence and liability issues in recreation and sport, examines the history and legal definitions.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSRL 678 Managing Commercial and Tourism Industry Leisure Services (3 Credits)

Focus on commercial recreation and tourism environment, principles, and concepts of management and marketing, and systematic techniques of analysis and inquiry. Application of concepts and skills in planning, design and evaluation to selected interest areas related to recreation and tourism services. Through use of analytical tools and processes, students prepare and defend an original evaluation project of a service program. Leisure service system planning through explanation of the scope and segmentation of the conference, convention and event market. Strategies in planning, developing and implementing meeting and convention services.

College/School: College Of Education

Department: Dept of Health & Kinesiology

Sport Studies

SSSS 641 NCAA Rules, Procedures & NCAA Compliance (3 Credits)

This course is designed to give the student a working knowledge of National Collegiate Athletic Association (NCSA) compliance issues. It will present an overview of rules, eligibility, bylaws, and practices and procedures of the NCSA. The course provides a thorough study of the governing structure, rules, and legislative process within the NCSA. Examines compliance issues within a collegiate athletic department, including drug testing, self-reporting, academic progress rate (APR), and student-athlete eligibility. Examining and analyzing the bylaws, policies, and procedures of the National Collegiate Athletic Association (NCSA) is at the heart of the course. Students will be introduced to specific cases to develop a comprehensive understanding and appreciation of the NCSA, what it is, and how it functions.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSS 643 Academic Advising & Life Skills (3 Credits)

This course offers an overview of the foundations of academic advising and life skill training as an essential component of student success and retention programs on higher education campuses. Topics include definitions and concepts for developmental advising, literature and research on the key concepts of academic advising, exploration of the various models and delivery systems for academic advising; skills for effective advising; advising diverse populations; and training, development, evaluation, assessment, and reward systems for advisers and advising programs.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSS 645 Financial Aspects & Fiscal Practices in Sport (3 Credits)

This course involves an in-depth study of the financial challenges facing contemporary sports administrators, including an examination of financial data analysis, sources of funding, budgeting and financial accountability, inventory management and production control processes, profit distribution, taxation, and accounting processes. The course examines the financial and regulatory issues confronting sports, fitness, and recreation industry managers. Covers accounting principles, financial statements, and related concepts that help determine the viability and strength of financial decision making.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSS 661 Legal Aspects of Sport Business (3 Credits)

This course is a comprehensive review of legal aspects affecting sport, recreation and fitness industries. The range of review includes civil procedure, contracts, employment, leases, waivers, tort liability for coaches, administrators, employees, and independent contractors, 14th Amendment, Due Process and Equal Protection, product liability, and statutory regulation including Title VII, Title IX, ADA, Anti-Trust and IRS code.

College/School: College Of Education

Department: Dept of Health & Kinesiology

Sport Leadership

SSSL 643 Sport Leadership & Administration (3 Credits)

This course is designed to introduce managerial and administrative concepts to athletic coaches. These concepts are integral to the successful development of an athletic program, information concerning the practical application of business models and theories pertaining to the athletic administration and sports coaching professions will be presented. Also, business techniques associated with the survival and growth of an athletic program will be examined.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSL 647 The Ethical Leader (3 Credits)

This course is concerned with the study of sports management ethics and the manner in which ethics can be applied and implemented in an individual's personal and professional life. It considers the conflicts that can arise when individual values conflict with those of the organization. Uses case studies and current events to examine actions leaders have taken and consequences faced when confronted with ethical dilemmas.

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSL 649 Developing Leadership Skills (3 Credits)

College/School: College Of Education

Department: Dept of Health & Kinesiology

SSSL 659 Sport, Strategic Planning, and Tactical Analytics Capstone (3 Credits)

The culmination of all course work and academic experience in the capstone course is with a capstone project that demonstrates the student's ability to apply the knowledge the student has gained from their experience within and outside the program. This course examines the data collection process, application, and management practices by utilizing strategic planning and tactical analytics as it applies to solving complex sport related issues.

College/School: College Of Education

Department: Dept of Health & Kinesiology

Health & Kinesiology (Health Education Concentration), Master of Science

Admissions

1. Undergraduate GPA of 2.5 or better; or 3.0 on last 60 hours
2. If required by the graduate degree program, GRE (General) or GMAT for Business programs (must be within five (5) years of your application date).
3. 3 letters of recommendation
4. Resume or Curriculum Vitae (current)

- Personal Essay (300 – 500 words)
- Application fee (\$75): Your application will not be processed until the fee is received.
- Transcript (s): 2 copies sent directly to TSU from the institutions.

In addition to Items 1 through 7, International Students need to also supply the following information:

- Affidavit of Support
- Transcript Evaluation
- TOEFL = 79 or IELTS (iBT) = 6.0 (if not from an English speaking country)

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 540)	15
	Health Education Concentration (p. 540)	15
	Electives (p. 540)	6
Total Hours		36

Core Requirements

Code	Title	Hours
HED 538	Health Probs Ot The Aged	3
HED 577	Human Sexuality & Dev	3
HED 831	Research Planning	3
KIN 632	Supv Of Hlth & Phys Ed	3
HED 570	Admin Of Health Education	3
Total Hours		15

Concentration Requirements

Code	Title	Hours
Select fifteen (15) credit hours from the following:		15
HED 532	Epid & Human Ecol	
HED 534	Survey Of Health Politics	
HED 536	Contemp Urban Hlth Probs	
"HED 537	Contemporary Rural Health Problems"	
HED 571	Hlth Probs Alco Nar & Tobacco	
HED 572	Safety Education	
HED 573	Community Health Problems	
HED 574	Hlth Manpower Issues	
"HED 576 County and Municipal Health Departments"		
HED 577	Human Sexuality & Dev	
"HED 639 Evaluation and Selection of health Materials"		
Total Hours		15

Electives

Code	Title	Hours
Six (6) credits outside area electives from EDUC, SSSL, HED, or KIN		9
Total Hours		9

Health & Kinesiology (Kinesiology Concentration), Master of Science

Admissions

- Undergraduate GPA of 2.5 or better; or 3.0 on last 60 hours
- If required by the graduate degree program, GRE (General) or GMAT for Business programs (must be within five (5) years of your application date).
- 3 letters of recommendation
- Resume or Curriculum Vitae (current)
- Personal Essay (300 – 500 words)
- Application fee (\$75): Your application will not be processed until the fee is received.
- Transcript (s): 2 copies sent directly to TSU from the institutions.

In addition to Items 1 through 7, International Students need to also supply the following information:

- Affidavit of Support
- Transcript Evaluation
- TOEFL = 79 or IELTS (iBT) = 6.0 (if not from an English speaking country)

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 540)	15
	Health Education Concentration (p. 540)	15
	Electives (p. 541)	6
Total Hours		36

Core Curriculum

Code	Title	Hours
KIN 531	Advanced Theory & Practice	3
KIN 638	Physiology Of Exercise II	3
KIN 831	Research Planning	3
KIN 632	Supv Of Hlth & Phys Ed	3
HED 570	Admin Of Health Education	3
Total Hours		15

Concentration

Code	Title	Hours
Select fifteen (15) credit hours from the following:		15
KIN 502	Strength & Fitness Devel	
KIN 534	Admin Of Athletics	
KIN 535	Adv Tests Meas Hlth Phy Ed Rec	
KIN 536	Adapt Phy Edu For Atypica	
KIN 540	Sports Psychology	
KIN 576	Motivational Aspects Phys	
KIN 578	Motor Development	
KIN 631	Curr Study In Admin Of Phy Edu	
KIN 632	Supv Of Hlth & Phys Ed	
KIN 633	Curr Cont Mthd Hlth & Phy Edu	

KIN 833	Sport Management & Marketing	
Total Hours		15

Electives

Code	Title	Hours
Six (6) credits outside area electives from EDUC, SSSL, HED, or KIN		6
Total Hours		6

Sport Studies and Sport Leadership (Sport Administration Concentration Non-Thesis), Master of Science

The **Masters in Sport Studies and Sport Leadership (SSSL)** program at Texas Southern University (TSU) offers graduate courses focused on the business of sport. The program offers a thesis and non-thesis track as well as concentrations in Sport Administration and Sport Management. Upon completion of the SSSL program, graduates are prepared for leadership and customer-service based roles in the sports industry.

The program offers two concentrations in Sport Administration and Sport Management. Students seeking a concentration in Sport Administration will be prepared to assume leadership roles in the sports industry. Whereas students seeking a Sport Management concentration will be prepared to assume customer service and fan engagement-based positions in the field of sport.

Students may choose between a thesis and a non-thesis track. Students selecting the thesis track will learn more about research and typically have desire to pursue a doctoral degree. Under the direction and approval of a faculty advisor, students will complete a master thesis.

In the non-thesis track, students will have an opportunity to gain practical experience by completing an internship. Students selecting this track typically are preparing to enter or enhance their current career in the field of sport.

PROGRAM REQUIREMENTS

Students in this major will complete a total of thirty-six (36) semester credit hours of graduate courses (500 level or above): A minimum of twenty-seven (27) of these credit hours must be completed in Sport Studies and Sport Leadership and a minimum nine (9) approved elective credit hours must be must completed. In addition, the Master of Science degree in Sport Studies and Sport Leadership requires satisfactory completion of a comprehensive exam.

Admissions

- Undergraduate GPA of 3.0
- If required by the graduate degree program, GRE (General) or GMAT for Business programs (must be within five (5) years of your application date).
- 3 letters of recommendation
- Resume or Curriculum Vitae (current)
- Personal Essay (300 – 500 words)
- Application fee (\$75): Your application will not be processed until the fee is received.
- Transcript (s): 2 copies sent directly to TSU from the institutions.

In addition to Items 1 through 7, International Students need to also supply the following information:

- Affidavit of Support
- Transcript Evaluation
- TOEFL = 79 or IELTS (iBT) = 6.0 (if not from an English speaking country)

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 541)	18-21
	Concentration Course Requirements (p. 541)	9
	Electives (p. 541)	6-9
Total Hours		33-39

Core Curriculum Requirements

Code	Title	Hours
SSFD 561	The History of Historically Black Colleges & Universities and the Sporting HBCU Diaspora	3
SSFD 562	Socio-Cultural and Ethical Foundations of Sport	3
SSSS 661	Legal Aspects of Sport Business	3
EPSY 831	Educ Statistics	3
EDFD 633	Research	3
SSFD 667	Graduate Sport Management Practicum	3
Total Hours		18

Concentration Course Requirements

Code	Title	Hours
Select nine (9) credit hours from the following:		9
SSSA 511	Administration of Interscholastic & Intercollegiate Athletic Programs	
SSSA 513	Sports Governance & Policy Development	
SSSA 627	Management, Leadership and Critical Thinking In Sport Organizations	
SSSA 629	Development & Fundraising In Sports	
Total Hours		9

Elective Requirements

Code	Title	Hours
6-9 approved credit hours of electives		6-9
Total Hours		6-9

Sport Studies and Sport Leadership (Sport Administration Concentration Thesis Option), Master of Science

The **Masters in Sport Studies and Sport Leadership (SSSL)** program at Texas Southern University (TSU) offers graduate courses focused on the business of sport. The program offers a thesis and non-thesis track as well as concentrations in Sport Administration and Sport Management. Upon completion of the SSSL program, graduates are prepared for leadership and customer-service based roles in the sports industry.

The program offers two concentrations in Sport Administration and Sport Management. Students seeking a concentration in Sport Administration will be prepared to assume leadership roles in the sports industry. Whereas students seeking a Sport Management concentration will

be prepared to assume customer service and fan engagement-based positions in the field of sport.

Students may choose between a thesis and a non-thesis track. Students selecting the thesis track will learn more about research and typically have desire to pursue a doctoral degree. Under the direction and approval of a faculty advisor, students will complete a master thesis.

In the non-thesis track, students will have an opportunity to gain practical experience by completing an internship. Students selecting this track typically are preparing to enter or enhance their current career in the field of sport.

PROGRAM REQUIREMENTS

Students in this major will complete a total of thirty-six (36) semester credit hours of graduate courses (500 level or above): A minimum of twenty-seven (27) of these credit hours must be completed in Sport Studies and Sport Leadership and a minimum nine (9) approved elective credit hours must be must completed. In addition, the Master of Science degree in Sport Studies and Sport Leadership requires satisfactory completion of a comprehensive exam.

Admissions

1. Undergraduate GPA of 3.0
2. If required by the graduate degree program, GRE (General) or GMAT for Business programs (must be within five (5) years of your application date).
3. 3 letters of recommendation
4. Resume or Curriculum Vitae (current)
5. Personal Essay (300 – 500 words)
6. Application fee (\$75): Your application will not be processed until the fee is received.
7. Transcript (s): 2 copies sent directly to TSU from the institutions.

In addition to Items 1 through 7, International Students need to also supply the following information:

1. Affidavit of Support
2. Transcript Evaluation
3. TOEFL = 79 or IELTS (iBT) = 6.0 (if not from an English speaking country)

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 542)	18-21
	Concentration Course Requirements (p. 542)	9
	Electives (p. 542)	6-9
	Total Hours	33-39

Core Curriculum Requirements

Code	Title	Hours
SSFD 561	The History of Historically Black Colleges & Universities and the Sporting HBCU Diaspora	3
SSFD 562	Socio-Cultural and Ethical Foundations of Sport	3
SSSS 661	Legal Aspects of Sport Business	3
EPSY 831	Educ Statistics	3
EDFD 633	Research	3

SSFD 668	Graduate Thesis In Progress	3
	Total Hours	18

Concentration Course requirements

Code	Title	Hours
	Select nine (9) credit hours from the following:	9
SSSA 511	Administration of Interscholastic & Intercollegiate Athletic Programs	
SSSA 513	Sports Governance & Policy Development	
SSSA 627	Management, Leadership and Critical Thinking In Sport Organizations	
SSSA 629	Development & Fundraising In Sports	
	Total Hours	9

Elective Requirements

Code	Title	Hours
	6-9 approved credit hours of electives	6-9
	Total Hours	6-9

Sport Studies and Sport Leadership (Sport Management Concentration Non-Thesis), Master of Science

The **Masters in Sport Studies and Sport Leadership (SSSL)** program at Texas Southern University (TSU) offers graduate courses focused on the business of sport. The program offers a thesis and non-thesis track as well as concentrations in Sport Administration and Sport Management. Upon completion of the SSSL program, graduates are prepared for leadership and customer-service based roles in the sports industry.

The program offers two concentrations in Sport Administration and Sport Management. Students seeking a concentration in Sport Administration will be prepared to assume leadership roles in the sports industry. Whereas students seeking a Sport Management concentration will be prepared to assume customer service and fan engagement-based positions in the field of sport.

Students may choose between a thesis and a non-thesis track. Students selecting the thesis track will learn more about research and typically have desire to pursue a doctoral degree. Under the direction and approval of a faculty advisor, students will complete a master thesis.

In the non-thesis track, students will have an opportunity to gain practical experience by completing an internship. Students selecting this track typically are preparing to enter or enhance their current career in the field of sport.

PROGRAM REQUIREMENTS

Students in this major will complete a total of thirty-six (36) semester credit hours of graduate courses (500 level or above): A minimum of twenty-seven (27) of these credit hours must be completed in Sport Studies and Sport Leadership and a minimum nine (9) approved elective credit hours must be must completed. In addition, the Master of Science degree in Sport Studies and Sport Leadership requires satisfactory completion of a comprehensive exam.

Admissions

1. Undergraduate GPA of 3.0
2. If required by the graduate degree program, GRE (General) or GMAT for Business programs (must be within five (5) years of your application date).
3. 3 letters of recommendation
4. Resume or Curriculum Vitae (current)
5. Personal Essay (300 – 500 words)
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Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 543)	18-21
	Concentration Course Requirements (p. 543)	9
	Electives (p. 543)	6-9
Total Hours		33-39

Core Curriculum Requirements

Code	Title	Hours
SSFD 561	The History of Historically Black Colleges & Universities and the Sporting HBCU Diaspora	3
SSFD 562	Socio-Cultural and Ethical Foundations of Sport	3
SSSS 661	Legal Aspects of Sport Business	3
EPSY 831	Educ Statistics	3
EDFD 633	Research	3
SSFD 667	Graduate Sport Management Practicum	3
Total Hours		18

Concentration Course Requirements

Code	Title	Hours
Select nine (9) credit hours from the following:		9
SSSM 531	Sport Marketing, Sport Publicity & Promotion	
SSSM 533	Business Development Strategies and Ticket Sales	
SSSM 646	Sports Information, Media Relations, Social Networking, and Brand Creation	
SSSM 648	Strategic Management & Finance In Sports	
Total Hours		9

Elective Requirements

Code	Title	Hours
6-9 approved credit hours of electives		6-9
Total Hours		6-9

Sport Studies and Sport Leadership (Sport Management Concentration Thesis Option), Master of Science

The **Masters in Sport Studies and Sport Leadership (SSSL)** program at Texas Southern University (TSU) offers graduate courses focused on the business of sport. The program offers a thesis and non-thesis track as well as concentrations in Sport Administration and Sport Management. Upon completion of the SSSL program, graduates are prepared for leadership and customer-service based roles in the sports industry.

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Students may choose between a thesis and a non-thesis track. Students selecting the thesis track will learn more about research and typically have desire to pursue a doctoral degree. Under the direction and approval of a faculty advisor, students will complete a master thesis.

In the non-thesis track, students will have an opportunity to gain practical experience by completing an internship. Students selecting this track typically are preparing to enter or enhance their current career in the field of sport.

PROGRAM REQUIREMENTS

Students in this major will complete a total of thirty-six (36) semester credit hours of graduate courses (500 level or above): A minimum of twenty-seven (27) of these credit hours must be completed in Sport Studies and Sport Leadership and a minimum nine (9) approved elective credit hours must be must completed. In addition, the Master of Science degree in Sport Studies and Sport Leadership requires satisfactory completion of a comprehensive exam.

Admissions

1. Undergraduate GPA of 3.0
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Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 544)	18-21
	Concentration Course Requirements (p. 544)	9
	Electives (p. 544)	6-9
Total Hours		33-39

Core Curriculum Requirements

Code	Title	Hours
SSFD 561	The History of Historically Black Colleges & Universities and the Sporting HBCU Diaspora	3
SSFD 562	Socio-Cultural and Ethical Foundations of Sport	3
SSSS 661	Legal Aspects of Sport Business	3
EPSY 831	Educ Statistics	3
EDFD 633	Research	3
SSFD 668	Graduate Thesis In Progress	3
Total Hours		18

Concentration Course Requirements

Code	Title	Hours
	Select nine (9) credit hours from the following:	9
SSSM 531	Sport Marketing, Sport Publicity & Promotion	
SSSM 533	Business Development Strategies and Ticket Sales	
SSSM 646	Sports Information, Media Relations, Social Networking, and Brand Creation	
SSSM 648	Strategic Management & Finance In Sports	
Total Hours		9

Elective

Code	Title	Hours
	6-9 approved credit hours of electives	6-9
Total Hours		6-9

Jesse H. Jones School of Business

Overview

The Jesse H. Jones School of Business consists of three departments:

- Accounting
- Business Administration, and
- Finance and Economics.

The School offers the following three graduate degree programs:

- the Master of Business Administration (MBA),
- an online Executive Master of Business Administration (EMBA), and
- the Master of Science in Management Information Systems (M.S. in MIS).

The School also offers the following five undergraduate degree programs:

- the Bachelor of Business Administration in Accounting,
- the Bachelor of Business Administration in Finance,
- the Bachelor of Business Administration in Management,

- the Bachelor of Business Administration in Management Information Systems, and
- the Bachelor of Business Administration in Marketing.

Students should refer to the Undergraduate Catalog of Texas Southern University for information on the undergraduate degree programs.

The School is administratively organized with a Dean who is assisted by an Associate Dean for Academics, an Assistant Dean for Business Student Services, Assistant Dean for Administration and Assessment, two department chairpersons, and support staff. All administrative offices including departmental offices and the office of graduate programs in business are located in the Jesse H. Jones School of Business building.

Vision

The Jesse H. Jones School of Business will be a leading provider of quality business education, research, and engagement in an innovative and student-centered community of continual learners.

Mission

The Jesse H. Jones School of Business is a constituent part of Texas Southern University, a comprehensive metropolitan university located in Houston, Texas. We offer baccalaureate and master's degree programs to a diverse student population that is primarily first generation college students.

Our mission is to transform students into leaders in the global market place. To achieve the mission, we provide quality education in an entrepreneurial, global context through effective teaching, theoretical and applied research, and community engagement in a student-centered environment.

Core Values

Our actions are guided by fundamental values and flow from a commitment to

- Student-Centered Learning
- Global Perspective
- Community Engagement
- Professionalism
- Innovativeness

Good Academic Standing

To remain in good academic standing, a business graduate student must maintain an overall grade point average (GPA) of 3.00.

Accreditation

The University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelors, masters, professional, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the status of Texas Southern University. Additionally, the School of Business is accredited by The Association to Advance Collegiate Schools of Business (AACSB).

The Business Library

The Business Library is located on the fifth floor of the Robert J. Terry Library and combines resources for accounting, business, and economics. The Business Library has over 52,500 volumes and

subscribes to more than 300 serials. Extensive files of corporate financial reports and business and financial services are available. Computerized interlibrary loan services link the Library with others throughout the nation and world. Electronic resources are substantial, including more than 300 databases that provide a comprehensive list of scholarly journals with access to more than 63,000 full text articles covering a broad scope of disciplines. Also included are e-books, videos, newspapers, graphics and some reference materials. Off campus access to electronic resources is available. For the faculty, students, and staff, the TexShare Consortium provides access to participating state university and college libraries, including those of the University of Houston and Rice University, the Houston Public Library and several other Houston area libraries.

Degree Programs Description

The graduate degree programs offered by the Jesse H. Jones School of Business are described in detail in Programs tab.

- Executive Master of Business Administration (EMBA) (p. 548)
- Executive Master of Business Administration (Energy Finance Concentration), EMBA (p. 549)
- Graduate Certificate: Data Analytics (<https://catalog.tsu.edu/graduate/schools-colleges/business/certificate-data-analytics/>)
- Master of Business Administration (Accounting Concentration), MBA (p. 552)
- Master of Business Administration (Health Care Administration Concentration), MBA (p. 554)
- Master of Business Administration (Management Information Systems Concentration), MBA (p. 555)
- Master of Business Administration (MBA) (p. 557)
- Master of Business Administrations (Business Analytics Concentration), MBA (<https://catalog.tsu.edu/graduate/schools-colleges/business/mba-business-analytics/>)
- Master of Science Management Information Systems (Data Analytics Concentration), MIS (<https://catalog.tsu.edu/graduate/schools-colleges/business/mis-ms-data-analytics/>)
- Master of Science Management Information Systems, MIS (p. 550)

Accounting

ACCT 600 Oil and Gas Accounting (3-9 Credits)

OIL AND GAS ACCOUNTING AND TAXATION INSTITUTE (3) Petroleum accounting and taxation. This is a comprehensive course in oil and gas accounting. It covers the fundamentals of the petroleum industry as well as the complex topics of revenue accounting and taxation.

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 625 Not-For Profit Accounting (3 Credits)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 630 Ethics for Accountants (3 Credits)

ETHICS FOR ACCOUNTANTS (3) Provides a philosophical understanding of ethical complexities of the modern business enterprise and a fundamental of ethical knowledge necessary for a career in accounting and finance. (Prerequisites: Consent of the Instructor.)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 631 Sem: Managerial Acctg (3 Credits)

SEMINAR IN MANAGERIAL ACCOUNTING (3) An examination of the theoretical and practical issues involved in managerial accounting. Emphasis is on contemporary issues in managerial accounting.

(Prerequisites: ACCT 231 or ACCT 636.)

Prerequisite(s): ACCT 231 or ACCT 636

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 636 Financial Statement Analysis (3 Credits)

FINANCIAL ACCOUNTING (3) (CPA 150-Hour Requirement NON-DEGREE Course) An analysis of financial statements of publicly held entities, which are issued to shareholders, creditors, financial analysts, and other interested parties. (Prerequisite: ACCT 332.)

Prerequisite(s): ACCT 332

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 647 Cost Acctg & Analysis (3 Credits)

MANAGERIAL AND COST ACCOUNTING (3) (CPA 150-Hour Requirement NON-DEGREE Course) A study of the kind of information needed, where information can be obtained and how information can be used by managers to carry out their planning, controlling, and decision-making responsibilities. (Prerequisite: ACCT 336.)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 650 Structure Acctg Theory (3 Credits)

STRUCTURE OF ACCOUNTING THEORY (3) Principles, concepts and problems underlying the recording of accounting data; management of information and its relation to income determination. Analysis and interpretation of principal accounting statements are also covered. (Prerequisite: ACCT 332.)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 651 Contemp Topics Acctg (3 Credits)

CONTEMPORARY ISSUES IN ACCOUNTING (3) An analysis of new pronouncements of authoritative bodies along with the impact of these bodies on contemporary accounting practice. (Prerequisite: ACCT 332.)

Prerequisite(s): ACCT 332

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 655 Seminar In Taxation (3 Credits)

SEMINAR IN TAXATION (3) A review and an analysis of tax consequences; implications of business decisions and accounting procedures; tax research and planning. (Prerequisite: ACCT 332.)

Prerequisite(s): ACCT 332

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 656 Acctg Information Systems (3 Credits)

ACCOUNTING INFORMATION SYSTEMS (3) An analysis of the sources, cost and values of accounting information, including analysis and design of computer-based accounting information. (Prerequisites: ACCT 332 or ACCT 631.)

Prerequisite(s): ACCT 332 or ACCT 631

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 657 Seminar Auditing (3 Credits)

SEMINAR IN AUDITING (3) An examination of the development of auditing standards and philosophies; contemporary developments in auditing theory and practice; and research needs of the auditing profession. (Prerequisite: ACCT 433.)

Prerequisite(s): ACCT 433

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 658 Accounting Controls (3 Credits)

ACCOUNTING CONTROLS (3) A study of the concepts and roles of accounting controls in a business organization. (Prerequisites: ACCT 631 or 433.)

Prerequisite(s): ACCT 631 or ACCT 433

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 660 Advanced Topics in Accounting (3 Credits)

ADVANCED TOPICS IN ACCOUNTING (3) The study and research of business consolidations, partnerships, governmental and not-for-profit accounting. (Prerequisite: ACCT 332.)

Prerequisite(s): ACCT 332

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 665 Accounting Internship (3-9 Credits)

ACCOUNTING INTERNSHIP (3) Faculty-supervised work experience in accounting where written reports are required. (Prerequisite: Graduate Status.)

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 670 FIN ACCTG IN HLTH CARE ORG (3 Credits)

FINANCIAL ACCOUNTING IN HEALTH CARE ORGANIZATIONS (3) The study of the techniques of decision making for health care providers, financial management functions and organizations, financial statement analysis, capital management, capital budgeting and processes, financial statistics, financing techniques, and financial analysis of case studies in the health care environment.

College/School: JHJ School Of Business

Department: Department of Accounting

ACCT 671 MGMT & COST ACCT IN HLTH CARE (3 Credits)

MANAGERIAL AND COST ACCOUNTING IN HEALTH CARE ORGANIZATIONS (3) A study of how to use cost information to improve management decision making and the uses of cost accounting information relevant to health care organizations.

College/School: JHJ School Of Business

Department: Department of Accounting

Finance

FIN 621 Fin & Econ Anal (3 Credits)

The business principles using a managerial approach to financial and economic analysis. Covers theories of consumer, firm, and markets with emphasis on managerial decision-making; applied topics include demand estimation, forecasting, exchange rates and exports, and long-term investment.

Prerequisite(s): ECON 231 and ECON 232 and FIN 301 and MGSC 239

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 650 Investment Management (3 Credits)

INVESTMENT MANAGEMENT (3) Theory and practice of pricing and evaluation of stocks, bonds, options, futures, and mutual funds. It includes portfolio theory and management and global investments. (Prerequisite: FIN 301 or equivalent.)

Prerequisite(s): FIN 301

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 652 Managerial Finance (3 Credits)

The theory and practice of financial decision making, including tools and techniques for making financial decisions, including those arising from globalization and ethical challenges.

Prerequisite(s): FIN 301 and MGSC 624

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 655 International Finance (3 Credits)

INTERNATIONAL FINANCE (3) This course analyzes issues and problems managers and investors face that result from operating in an international environment. (Prerequisites: FIN 301 or equivalent.)

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 675 Energy Finance (3 Credits)

Introduction to financial analysis, project selection, financing and dividend policies. Energy industry fundamentals and performance are discussed. Data and cases are utilized to address financial and decision-making issues in the energy industry.

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 685 Energy Trading (3 Credits)

Introduction to financial derivatives including futures, options, and swaps used by traders in the energy industry. Emphasis is placed on the framework for various hedging and risk management objectives.

College/School: JHJ School Of Business

Department: Dept Finance & Economics

FIN 695 Financial Valuation Modeling (3 Credits)

This course provides a review of natural gas, oil and petroleum products, coal, liquefied natural gas and electricity including energy forecasting and supply and cost curves. Three hours of lecture per week. Prerequisite: FIN 301.

College/School: JHJ School Of Business

Department: Dept Finance & Economics

Business Administration

BADM 630 Managerial Communication (3 Credits)

BADM 630 MANAGERIAL COMMUNICATION (3) Development of oral and written communication skills, including the use of current computer technology.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

BADM 644 Internship (3 Credits)

GRADUATE BUSINESS INTERNSHIP (3) Faculty-supervised business related work experience designed to enhance the knowledge and skills of our students in an applied environment. Progress reports and employer validation are required. (Prerequisite: Twelve (12) hours graduate level coursework in business administration and consent of the instructor.)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

BADM 655 Entrepreneurship (3 Credits)

ENTREPRENEURSHIP (3) Issues related to creating, managing, and financing a new business with a focus on product development and entrepreneurial financial planning including business plans and class projects.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Management

MGMT 636 Organizational & Mgmt Theory (3 Credits)

ORGANIZATIONAL AND MANAGEMENT THEORY (3) Individual, group and inter-group behavior within organizations in the context of technological change, workforce diversity, ethical challenges, and globalization.

Prerequisite(s): MGMT 300

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 646 Graduate Seminar in Mgmt (3 Credits)

GRADUATE SEMINAR IN MANAGEMENT (3) In-depth exploration of selected topics in organization and management theory with special emphasis on leadership and ethics.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 650 Human Resource Management (3 Credits)

STRATEGIC MARKETING MANAGEMENT (3) Key marketing problems of domestic and international organizations, including those arising from issues related to globalization, environmental protection, ethical issues, social trends, and legal constraints.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGMT 670 Global Strategic Mgmt (3 Credits)

670 GLOBAL STRATEGIC MANAGEMENT (3) A cross-functional approach to the analysis of strategic decision making in the context of a global economy.

Prerequisite(s): MGMT 636 and FIN 652 and ACCT 631 and MKTG 650

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Management Information Systems

MIS 671 Introduction to MIS (3 Credits)

INFORMATION TECHNOLOGY (3) The use of information technology to analyze business problems. It includes the development of computer software skills.

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 672 Intro to C++ or JAVA (3 Credits)

INTRODUCTION TO C++ OR JAVA PROGRAMMING (3) A review of the programming features of these languages and their application to Object Oriented Programming and development of business applications. These will be offered in alternate semesters. (Prerequisite: MIS 304.)

Prerequisite(s): MGSC 304

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 674 Data Communications (3 Credits)

DATA COMMUNICATIONS (3) Managerial and technological issues related to the operation and maintenance of computer networks. Topics covered include WAN, LAN, Internet and related architectures and protocols. (Prerequisite: MIS 304.)

Prerequisite(s): MGSC 304

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 675 Database Management Systems (3 Credits)

DATABASE MANAGEMENT SYSTEMS (3) Database concepts and principles in database design with exposure to a popular relational database like "Oracle." (Prerequisite: MIS 304.)

Prerequisite(s): MGSC 304

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 676 Web Design & Development (3 Credits)

WEB DESIGN AND DEVELOPMENT (3) Web applications and design using tools such as HTML, Cascading Style Sheets, JavaScript and DHTML. (Prerequisite: MIS 672.)

Prerequisite(s): MIS 672

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 677 E-Commerce (3 Credits)

E-COMMERCE (3) Exposure to the use of Internet for business-to-business communications, logistics and supply chain management, financial markets, digital payments, marketing etc. (Prerequisites: MIS 674; MIS 676.)

Prerequisite(s): MIS 674 and MIS 676

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 678 SAP Applications in SCM (3 Credits)

SAP APPLICATIONS IN SCM (3) Exposure to instructor-selected SCM modules in SAP. (Prerequisites: MGSC 625; MIS 675.)

Prerequisite(s): MGSC 625 and MIS 675

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 680 System Analysis & Development (3 Credits)

SYSTEMS ANALYSIS AND DEVELOPMENT (3) An introduction to concepts and processes for analyzing and determining information requirements and using packages and application generators for system development. (Prerequisite: MIS 675.)

Prerequisite(s): MIS 675

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 681 IT Project Management (3 Credits)

IT PROJECT MANAGEMENT (3) Approaches to managing IT projects including outsourcing and subcontracting strategies. Students will also be exposed to project management tools. (Prerequisite: MIS 680.)

Prerequisite(s): MIS 680

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 683 Current Topics in MIS (3 Credits)

CURRENT TOPICS IN MIS (3) An instructor-selected topic dealing with current issues and/or developments in the MIS area. (Prerequisites: Completion of at least nine (9) credit hours of coursework in the MIS program and/or consent of instructor.)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 684 Internship in MIS (3 Credits)

INTERNSHIP IN MIS AREA (3) Completion of the equivalent of one long semester or an entire summer internship in the information technology area in a carefully selected organization. (Prerequisite: Completion of at least 18 Credit Hours of coursework in the MIS program.)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 685 Management of Info System (3 Credits)

MANAGEMENT OF INFORMATION SYSTEMS (3) Strategic management of information resources to facilitate corporate competitiveness in the global environment. Capstone course to be taken in the student's last semester of the program. (Prerequisite: Completion of at least 24 Credit Hours of coursework in the MIS program.)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MIS 686 Data Analytics and Visualization (3 Credits)

This course provides an overview of gathering, cleaning, describing, integrating data, and, developing data models. Students will apply descriptive statistical tools to get a comprehensive understanding of the datasets and visualize those using data visualization tools. Students will be introduced to real-world datasets and will have hands-on experience in using them in building preliminary decision models. (Prerequisite: MGSC 624) Three hours per week.

College/School: School of Communication

Department: Dept of Business Admin.

MIS 688 Applied Predictive Analytics (3 Credits)

In this course students will be introduced to popular data mining methods such as classification, association, and clustering techniques. Students will use relevant software for data mining exercises. Students will develop and apply trend and regression analysis, and, forecasting techniques in business problem solving. (Prerequisite: MGSC 624) Three hours per week.

College/School: School of Communication

Department: Dept of Business Admin.

Marketing

MKTG 634 Marketing Research (3 Credits)

MARKETING RESEARCH (3) Application of research and analytical decision-making techniques to marketing problems. (Prerequisites: MKTG 306; MGSC 239; MIS 671 or concurrent enrollment.)

Prerequisite(s): MKTG 306 and MGSC 239 and MGSC 671 (may be taken concurrently)

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MKTG 650 Sem Mktg Probs (3 Credits)

STRATEGIC MARKETING MANAGEMENT (3) Key marketing problems of domestic and international organizations, including those arising from issues related to globalization, environmental protection, ethical issues, social trends, and legal constraints. (Prerequisites: MKTG 306 or equivalent.)

Prerequisite(s): MKTG 306

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Management Science

MGSC 624 Statistical Methods (3 Credits)

STATISTICAL ANALYSIS (3) Use of statistical techniques for business research, analysis, and forecasting. It includes regression analysis and other econometric tools and the use of computer software.

Prerequisite(s): MGSC 239 and MGSC 302

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 625 Supply Chain Management (3 Credits)

SUPPLY CHAIN MANAGEMENT (3) The course will provide an introduction to Supply Chain Management and the role of information systems in managing supply chains.

Prerequisite(s): MGSC 302

College/School: JHJ School Of Business

Department: Dept of Business Admin.

MGSC 654 Spec Topics in Quantative Anal (3 Credits)

SPECIAL TOPICS IN QUANTITATIVE ANALYSIS (3) In-depth exploration of selected topics in quantitative analysis. Prerequisite: MGSC 624

Prerequisite(s): MGSC 624

College/School: JHJ School Of Business

Department: Dept of Business Admin.

Executive Master of Business Administration (EMBA)

The **online Executive Master of Business Administration (EMBA)** program is a two-year program uniquely designed to meet the challenging needs of mid-career professionals who wish to pursue an MBA degree with the least possible disruption to their professional and personal lives. The program is offered online and combines the advanced business concepts of a Master of Business Administration curriculum and prepares candidates to lead and manage organizations.

Upon completion of the EMBA program, graduates will:

- Demonstrate an understanding of a broad array of business concepts related to finance, accounting, economics, marketing, operations, statistics, business law and information technology.
- Demonstrate skills that enable the appropriate application of critical, analytical, and strategic thinking to the analysis of and development of solutions to business problems.
- Demonstrate the ability to utilize information technology and systems for effective decision-making, problem solving, and communications.
- Demonstrate the ability to utilize strategies for leading and structuring high performance teams, working cooperatively, and communicating effectively.
- Demonstrate a greater appreciation for workplace diversity, ethical issues facing businesses today, and the challenges of the global marketplace.

Admission Process

Students are admitted to the EMBA program twice per year, in the fall and spring semesters only. The deadline for submission of all application materials is July 15 for the Fall semester and November 15 for the Spring semester (early submission is encouraged).

Admission to the Online Executive MBA program requires a minimum of three to five years of significant management or supervisory experience and a baccalaureate degree from a regionally accredited institution.

A complete application consists of the following materials:

- Evidence of a baccalaureate degree from an accredited institution with a minimum undergraduate GPA of 2.5 or higher
- An official transcript of all undergraduate course work.
- Evidence of at least three (3) to five (5) years of significant and progressive management and/or supervisory work experience.
- A statement of purpose of no more than 500 words (2-pages), explaining your reasoning for seeking an advanced degree in business, describing how the program will help facilitate your career goals. Reflect on your greatest accomplishment and disappointment, and, lessons learned from the experiences. Discuss your professional and executive experience that relates to the pursuance of this program including a brief discussion of your post-EMBA goals.
- Two confidential letters of recommendation are required, including one from your immediate supervisor. Letters of recommendation should be obtained from individuals who know you well and can present a balanced evaluation and assessment of your capabilities. Letters should include your strengths, managerial/supervisory experience, areas for improvement and commitment to academic excellence in a rigorous program.
- A current professional résumé.
- Official TOEFL (Test of English as a Foreign Language) score if the applicant's native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the Internet based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

Only completed applications (containing all required application materials listed above) will be reviewed for admission. Applications will be reviewed by the Jesse H. Jones School of Business.

Course Requirements

The Online Executive MBA program consists of thirty-six (36) credit hours. The program is delivered entirely online and is primarily administered via Blackboard Academic Suites which includes live chat, online lectures, virtual classrooms, and teleconferencing capabilities.

Students are admitted to the Executive MBA (EMBA) program as a cohort and there are no electives. The program does not allow for deviation from the curriculum.

Degree Requirements

The minimum general requirements for the Executive MBA degree are:

1. A minimum grade point average of 3.0 is required for all graduate work attempted.
2. No more than 6 semester credit hours of "C" and/or "C+" work are accepted toward satisfying graduation and degree requirements.
3. All courses in the program are taken on a cohort basis.
4. All students must register for six semester hours of graduate coursework in each semester during the program.

5. To be considered full-time, a student must register for at least 6 semester hours of graduate work per semester. A normal course load consists of 6 semester hours.

Curriculum Summary

Code	Title	Hours
Core Courses		
FIN 621	Fin & Econ Anal	3
BADM 630	Managerial Communication	3
MGMT 636	Organizational & Mgmt Theory	3
MGMT 670	Global Strategic Mgmt	3
MGSC 624	Statistical Methods	3
MIS 671	Introduction to MIS	3
MKTG 650	Sem Mktg Probs	3
Other Required Courses		
ACCT 631	Sem: Managerial Acctg	3
FIN 652	Managerial Finance	3
Concentration Courses		
MGMT 646	Graduate Seminar in Mgmt	3
MGSC 625	Supply Chain Management	3
MIS 677	E-Commerce	3
Total Hours		36

Executive Master of Business Administration (Energy Finance Concentration), EMBA

The Online Executive MBA Program (EMBA) with a concentration in Energy Finance is uniquely designed to meet the challenging needs of mid-career professionals in the Energy Sector. The program is offered online and provides a finance/energy focus. Students are required to complete nine core EMBA courses and three specialized energy finance courses. The program combines the advanced business concepts of a master of business administration curriculum and prepares candidates to lead and manage organizations in the energy sector.

Admission Process

Students are admitted to the EMBA program twice per year, in the fall and spring semesters only. The deadline for submission of all application materials is July 15 for the Fall semester and November 15 for the Spring semester (early submission is encouraged).

Admission to the Online Executive MBA program requires a minimum of three to five years of significant management or supervisory experience and a baccalaureate degree from a regionally accredited institution.

A complete application consists of the following materials:

- Evidence of a baccalaureate degree from an accredited institution with a minimum undergraduate GPA of 2.5 or higher
- An official transcript of all undergraduate course work.
- Evidence of at least three (3) to five (5) years of significant and progressive management and/or supervisory work experience.
- A statement of purpose of no more than 500 words (2-pages), explaining your reasoning for seeking an advanced degree in business, describing how the program will help facilitate your career

goals. Reflect on your greatest accomplishment and disappointment, and, lessons learned from the experiences. Discuss your professional and executive experience that relates to the pursuance of this program including a brief discussion of your post-EMBA goals.

- Two confidential letters of recommendation are required, including one from your immediate supervisor. Letters of recommendation should be obtained from individuals who know you well and can present a balanced evaluation and assessment of your capabilities. Letters should include your strengths, major areas for improvement and commitment to academic excellence in a rigorous program.
- A current professional résumé.
- Official TOEFL (Test of English as a Foreign Language) score if the applicant's native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the Internet based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

Only completed applications (containing all required application materials listed above) will be reviewed for admission. Applications will be reviewed by the Jesse H. Jones School of Business.

Admission Process

Students admitted to the online Executive Master of Business Administration program at the Jesse H. Jones School of Business will be eligible to pursue this concentration.

Course Requirements

Students must satisfy the Executive MBA core curriculum requirements (27 credit hours) along with the specialized Energy Finance course requirements (9 credit hours) to complete the Executive MBA degree requirement.

Degree Requirements

Students pursuing the Online Executive Master MBA with concentration in Energy Finance must meet the academic regulations of Jesse H. Jones School of Business including those related to the minimum GPA and scholastic discipline.

Summary

Code	Title	Hours
	Core Curriculum (p. 550)	21
	Other Required Courses	6
	Concentration (p. 550)	9
	Total Hours	36

Core Curriculum Requirements

Code	Title	Hours
FIN 621	Fin & Econ Anal	3
BADM 630	Managerial Communication	3
MGMT 636	Organizational & Mgmt Theory	3
MGMT 670	Global Strategic Mgmt	3
MGSC 624	Statistical Methods	3
MIS 671	Introduction to MIS	3

MKTG 650	Sem Mktg Probs	3
Total Hours		21

other required courses

Code	Title	Hours
ACCT 631	Sem: Managerial Acctg	3
MGSC 625	Supply Chain Management	3
Total Hours		6

Concentration

Code	Title	Hours
FIN 675	Energy Finance	3
FIN 685	Energy Trading	3
FIN 695	Financial Valuation Modeling	3
Total Hours		9

Master of Science Management Information Systems, MIS

The objective of the **Master of Science in Management Information Systems (MS in MIS)** program is to educate a diverse group of students by providing them knowledge of and training in the use and management of computer-based management information systems. The MS program at Texas Southern University provides tools and techniques to individuals in analyzing the management information functions of planning, organizing, staffing, and controlling in small to multinational business organizations and trains them for managerial positions in the Management Information Systems/Supply Chain Management areas of construction, manufacturing, wholesale/retail, energy, and healthcare industries.

Graduates of the MS in MIS program are equipped with:

- Skills in using computers and computer-based applications, including popular business software and their applications to business.
- An understanding of Supply Chain functions and selected MIS applications in that area.
- Skills required to becoming knowledgeable users of at least one commercially available and popular MIS application with SCM focus.
- Skills required for analysis and determination of information requirements, and for developing Management Information
- Systems using commercially available application generators and packages.
- Thorough understanding of what is needed to develop and operate efficient and effective supply chain management systems.

Admission Process

Students are admitted to the MS in MIS program twice per year, in the fall and spring semesters only. The deadline for submission of all application materials is July 15 for the Fall semester and November 15 for the Spring semester (early submission is encouraged).

A complete application consists of the following materials:

1. Evidence of a baccalaureate degree from an accredited institution.
2. An official transcript of all undergraduate course work.

3. An acceptable GRE score (score must be from a test taken within the last five (5) years of the application date, to be considered). An Analytical Writing score of 3.5 or above is required on the GRE exam to fulfill the English proficiency requirement. A GMAT score is accepted in lieu of a GRE score for the MS in MIS graduate degree program with the same terms and conditions as apply to the GRE score.
4. A two-page, career-objective essay (500 words max) including a description of the applicant's greatest accomplishment and disappointment, and, lessons learned from the experiences, as well as a brief discussion of post MS in MIS goals.
5. Two confidential letters of recommendation that include applicant's strengths, areas of improvement, and commitment to excellence.
6. A current résumé.
7. Official TOEFL (Test of English as a Foreign Language) score if the applicant's native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the Internet based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

Only completed applications (containing all required application materials listed above) will be reviewed for admission. Graduate application materials are received by the Graduate School and forwarded to the Jesse H. Jones School of Business for review. The recommendation of Jesse H. Jones School of Business is returned to the Graduate School. The Graduate School will make the final admission decision and notify the applicant of the decision. Prospective students wishing to inquire about their application status should direct questions to the Graduate School until an official admissions notification is received.

Admission to the MS in MIS program as a conditional or an unconditional student requires a baccalaureate degree from a regionally accredited institution.

Unconditional Admission

The applicant must submit an acceptable Graduate Management Aptitude Test (GMAT) score or a Graduate Record Examinations (GRE) score that will be used in conjunction with the applicant's socioeconomic profile and the undergraduate grade point average to determine admission to graduate programs. The following are some factors that may be included in the socioeconomic profile used in the admission process:

1. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
2. Applicant's status as first-generation to attend undergraduate school.
3. Applicant's status as first-generation to attend graduate or professional school.
4. Applicant is multilingual.
5. Applicant's employment while attending undergraduate school.
6. Applicant's role in helping rear other children in family.
7. Applicant's geographic residence in Texas at time of application.
8. Geographic region wherein applicant's high school is located.
9. Applicant's demonstration of performance in community activities.
10. Applicant's demonstration of commitment to a particular field of study.

11. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
12. The applicant's performance during a personal interview.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 3.00 undergraduate grade point average or the undergraduate grade point average on the last sixty-hours (60) of course work must be at least 3.25. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in each course in the first twelve (12) hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time period will result in the student's being dropped from the program. All applicants seeking conditional admission must provide GRE scores with initial admission application.

Course Requirements

The Master of Science in MIS degree requires thirty-three (33) hours of course work, including three (3) hours of an elective that allows students to obtain practical training in the MIS area.

Degree Requirements

The minimum general requirements for the Master of Science in Management Information Systems degree are:

1. A minimum grade point average of 3.0 is required for all graduate work attempted.
2. A residency of at least one academic year, or its equivalent, is required.
3. Courses transferred may not exceed 6 semester hours, and a grade of "B" or better must have been earned in each course.
4. No more than 6 semester credit hours of "C" and/or "C+" work are accepted toward satisfying graduation and degree requirements.
5. The program must be completed within 6 calendar years.
6. All MS in MIS students are required to score a "3.5" or better on the writing component of the GMAT, or pass an English proficiency exam during their first semester, or obtain a passing grade in English 501. The same terms and conditions apply to students submitting a GRE score in lieu of a GMAT score.
7. To be considered full-time, a student must register for at least 9 semester hours of graduate work per semester. A normal course load consists of 12 semester hours. The maximum load that can be taken is 15 semester hours. A student who takes 15 semester hours must have an overall graduate grade point average of 3.5 or better and not be employed full-time.

CURRICULUM Summary

Code	Title	Hours
	Core Curriculum (p. 552)	24
	Other Course Requirements	6
	Elective (p. 552)	3
Total Hours		33

Core Curriculum Requirements

Code	Title	Hours
MGSC 625	Supply Chain Management	3
MIS 672	Intro to C++ or JAVA	3
MIS 675	Database Management Systems	3
MIS 676	Web Design & Development	3
MIS 677	E-Commerce	3
MIS 680	System Analysis & Development	3
MIS 681	IT Project Management	3
MIS 685	Management of Info System	3
Total Hours		24

Other Course Requirements

Code	Title	Hours
MIS 674	Data Communications	3
MIS 678	SAP Applications in SCM	3
Total Hours		6

Electives¹

Code	Title	Hours
MIS 683 or MIS 684	Current Topics in MIS Internship in MIS	3
Total Hours		3

¹ Three (3) semester hours of restricted elective (Choice of 1 of 2 elective courses as listed)

The following core subjects must be completed as prerequisites to the M.S. level courses:

- Financial Accounting
- Principles of Economics
- Principles of Finance
- Principles of Management
- Business Statistics
- Operations/Production Management
- Principles of Marketing
- Introduction to Management Information Systems

Master of Business Administration (Accounting Concentration), MBA

Master of Business Administration (MBA) with Concentration in Accounting Program will enable students to meet The Certified Public Accountants (CPA) examination requirements as well as prepare them to succeed in their career paths. The State of Texas requires Certified Public Accountants (CPA) examination candidates to complete 150 semester hours before attempting the Uniform CPA Examination. Included in these 150 hours are 30 hours of accounting and 24 hours of business. Texas State Board of Public Accountancy has also recently passed the legislation requiring two semester hours of accounting or tax research and analysis and two semester hours of accounting or business communications within those accounting and business hours.

Completion of this program will enable students to enhance their knowledge and skills in accounting and business, and, develop analytical research and communication skills. Students will also be better prepared to take the CPA examination and become a CPA which is a prestigious designation and a measure of success in the accounting and business fields.

Admission Process

The eligibility requirements for the MBA with concentration in Accounting are as follows:

- Must be admitted as an MBA student to the Jesse H. Jones School of Business with unconditional status.
- Must have an undergraduate Accounting background and a minimum undergraduate GPA of 3.00 or higher.

MBA Admission Process

Students are admitted to the MBA program twice per year, in the fall and spring semesters only. The deadline for submission of all application materials is July 15 for the Fall semester and November 15 for the Spring semester (early submission is encouraged).

A complete application consists of the following materials:

1. Evidence of a baccalaureate degree from an accredited institution.
2. An official transcript of all undergraduate course work.
3. An acceptable GMAT score (score must be from a test taken within the last five (5) years of your application date, to be considered). An Analytical Writing score of 3.5 or above is required on the GMAT exam to fulfill the English proficiency requirement.
4. A two-page, career-objective essay (max 500 words) including a description of the applicant's greatest accomplishment and disappointment, and, lessons learned from the experiences, as well as a brief discussion of post MBA goals.
5. Two confidential letters of recommendation that include applicant's strengths, areas of improvement, and commitment to excellence.
6. A current résumé.
7. Official TOEFL (Test of English as a Foreign Language) score if the applicant's native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the Internet based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

Only completed applications (containing all required application materials listed above) will be reviewed for admission. Graduate application materials are received by the Graduate School and forwarded to the Jesse H. Jones School of Business for review. The recommendation of Jesse H. Jones School of Business is returned to the Graduate School. The Graduate School will make the final admission decision and notify the applicant of the decision. Prospective students wishing to inquire about their application status should direct questions to the Graduate School, until an official admissions notification is received.

Admission to the MBA program as a conditional or an unconditional student requires a baccalaureate degree from a regionally accredited institution.

Unconditional Admission

The applicant must submit an acceptable Graduate Management Aptitude Test (GMAT) score that will be used in conjunction with the applicant's socioeconomic profile and the undergraduate grade point average to determine admission to graduate programs. The following are some factors that may be included in the socioeconomic profile used in the admission process:

1. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
2. Applicant's status of first-generation to attend undergraduate school.
3. Applicant's status of first-generation to attend graduate or professional school.
4. Applicant is multilingual.
5. Applicant's employment while attending undergraduate school.
6. Applicant's role in helping rear other children in family.
7. Applicant's geographic residence in Texas at time of application.
8. Geographic region wherein applicant's high school is located.
9. Applicant's demonstration of performance in community activities.
10. Applicant's demonstration of commitment to a particular field of study.
11. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
12. The applicant's performance during a personal interview.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 3.00 undergraduate grade point average, or the undergraduate grade point average on the last sixty-hours (60) of course work must be at least 3.25. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in each course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time period will result in the student being dropped from the program. All applicants seeking conditional admission must provide GMAT or GRE scores with initial admission application.

Admission Process

The eligibility requirements for the MBA with concentration in Accounting are as follows:

- Must be admitted as an MBA student to the Jesse H. Jones School of Business with unconditional status
- Must have an undergraduate Accounting background and a minimum undergraduate GPA of 3.00 or higher

PREREQUISITE REQUIREMENTS

MBA with Accounting concentration graduate degree program students must have successfully completed all the undergraduate major courses as required for the Accounting major for the BBA (Bachelor of Business Administration) degree offered by the Jesse H. Jones School of Business at Texas Southern University. Additionally, the following core subjects must be completed as prerequisites to the MBA level courses:

- Financial Accounting
- Intermediate Accounting I

- Intermediate Accounting II
- Auditing
- Principles of Economics
- Principles of Finance
- Principles of Management
- Statistics
- Operations/Production Management
- Principles of Marketing
- Information Technology

Course Requirements

The Students must satisfy the MBA curriculum requirements (24 credit hours) along with the concentration in Accounting requirements (12 credit hours) to complete the degree requirements.

Summary

Code	Title	Hours
Core Curriculum (p. 553)		21
Other Required Course		3
Concentration (p.)		12
Total Hours		36

Core Curriculum Requirements

Code	Title	Hours
FIN 621	Fin & Econ Anal	3
BADM 630	Managerial Communication	3
MGMT 636	Organizational & Mgmt Theory	3
MGMT 670	Global Strategic Mgmt	3
MGSC 624	Statistical Methods	3
MIS 671	Introduction to MIS	3
MKTG 650	Sem Mktg Probs	3
Total Hours		21

Other Required Course

Code	Title	Hours
FIN 652	Managerial Finance	3
Total Hours		3

Concentration Course Requirements

Code	Title	Hours
ACCT 650	Structure Acctg Theory	3
ACCT 655	Seminar In Taxation	3
ACCT 657	Seminar Auditing	3
ACCT 660	Advanced Topics in Accounting	3
Total Hours		12

Degree Requirements

Students pursuing the MBA with concentration in Accounting must meet the academic regulations of Jesse H. Jones School of Business including those related to the minimum GPA and scholastic discipline.

Master of Business Administration (Health Care Administration Concentration), MBA

The Master of Business Administration with concentration in Health Care Administration is designed to broaden the career opportunities for MBA students in the health care field. Due to the special status of Houston as a major national hub for health care facilities and related industries, the health care concentration in the MBA program allows graduates to pursue opportunities beyond the traditional business areas. The concentration equips business students to be successfully involved in the administrative side of the health care. The existing health administration courses at the College of Pharmacy and Health Sciences make this concentration possible.

MBA Admission Process

Students are admitted to the MBA program twice per year, in the fall and spring semesters only. The deadline for submission of all application materials is July 15 for the Fall semester and November 15 for the Spring semester (early submission is encouraged).

A complete application consists of the following materials:

1. Evidence of a baccalaureate degree from an accredited institution.
2. An official transcript of all undergraduate course work.
3. An acceptable GMAT score (score must be from a test taken within the last five (5) years of your application date, to be considered). An Analytical Writing score of 3.5 or above is required on the GMAT exam to fulfill the English proficiency requirement.
4. A two-page, career-objective essay (max 500 words) including a description of the applicant's greatest accomplishment and disappointment, and, lessons learned from the experiences, as well as a brief discussion of post MBA goals.
5. Two confidential letters of recommendation that include applicant's strengths, areas of improvement, and commitment to excellence.
6. A current résumé.
7. Official TOEFL (Test of English as a Foreign Language) score if the applicant's native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the Internet based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

Only completed applications (containing all required application materials listed above) will be reviewed for admission. Graduate application materials are received by the Graduate School and forwarded to the Jesse H. Jones School of Business for review. The recommendation of Jesse H. Jones School of Business is returned to the Graduate School. The Graduate School will make the final admission decision and notify the applicant of the decision. Prospective students wishing to inquire about their application status should direct questions to the Graduate School, until an official admissions notification is received.

Admission to the MBA program as a conditional or an unconditional student requires a baccalaureate degree from a regionally accredited institution.

Unconditional Admission

The applicant must submit an acceptable Graduate Management Aptitude Test (GMAT) score that will be used in conjunction with the applicant's socioeconomic profile and the undergraduate grade point average to determine admission to graduate programs. The following are some factors that may be included in the socioeconomic profile used in the admission process:

1. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
2. Applicant's status of first-generation to attend undergraduate school.
3. Applicant's status of first-generation to attend graduate or professional school.
4. Applicant is multilingual.
5. Applicant's employment while attending undergraduate school.
6. Applicant's role in helping rear other children in family.
7. Applicant's geographic residence in Texas at time of application.
8. Geographic region wherein applicant's high school is located.
9. Applicant's demonstration of performance in community activities.
10. Applicant's demonstration of commitment to a particular field of study.
11. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
12. The applicant's performance during a personal interview.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 3.00 undergraduate grade point average, or the undergraduate grade point average on the last sixty-hours (60) of course work must be at least 3.25. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in each course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time period will result in the student being dropped from the program. All applicants seeking conditional admission must provide GMAT or GRE scores with initial admission application.

Admission Process

Students admitted to the MBA graduate degree program at the Jesse H. Jones School of Business with unconditional admission status are eligible to pursue this concentration. Also, students currently or previously enrolled in the "Master of Health Care Administration (MHCA)" program from the College of Pharmacy and Health Sciences will be eligible for this concentration provided that the MBA admission criteria are satisfied.

Degree Requirements

The students must meet the minimum general requirements for the Master of Business Administration degree. Additionally, the students pursuing the MBA with concentration in Health Care Administration must meet the academic regulations of both Jesse H. Jones School of Business and the College of Pharmacy and Health Sciences including those related to the minimum GPA and scholastic discipline.

Summary

Code	Title	Hours
	Core Curriculum (p. 555)	21
	Other Required Courses	6
	Concentration (p. 555)	9
Total Hours		36

Core Curriculum Requirements

Code	Title	Hours
FIN 621	Fin & Econ Anal	3
BADM 630	Managerial Communication	3
MGMT 636	Organizational & Mgmt Theory	3
MGMT 670	Global Strategic Mgmt	3
MGSC 624	Statistical Methods	3
MIS 671	Introduction to MIS	3
MKTG 650	Sem Mktg Probs	3
Total Hours		21

OTHER REQUIRED COURSES

Code	Title	Hours
ACCT 631	Sem: Managerial Acctg	3
FIN 652	Managerial Finance	3
Total Hours		6

Concentration ¹

Code	Title	Hours
Select three of the following:		9
HSOA 512	Intro to Hlth Care Org	
HSOA 514	Human Resource & Labor Mgmt	
HSOA 612	Health Care Law & Bioethics	
HSOA 662	Health Policy Analysis	
Total Hours		9

¹ Nine (9) semester hours (Choice of 3 of 4 courses listed for concentration)

Prerequisite Requirements

The following core subjects must be completed as prerequisites to the MBA level courses:

- Financial Accounting
- Principles of Economics
- Principles of Finance
- Principles of Management
- Statistics
- Operations/Production Management
- Principles of Marketing
- Information Technology

Master of Business Administration (Management Information Systems Concentration), MBA

As organizations continue to generate and gather huge amounts of data, it becomes imperative to analyze historical, current, and predictive views of business operations to manage enterprise performance. While a general MBA program focuses on the skills necessary for running a business, a concentration in Management Information Systems equips students with the skills to use information technology to enhance business decision making. A concentration in MIS enables an MBA student to gain a competitive edge by learning critical analytical skills and gaining real world experience in both the business and technical fields.

To provide an understanding of how information technology can manage and optimize business performance, students are expected to:

- Demonstrate knowledge of the strategic use of information systems in organizations to achieve competitive advantage.
- Understand the logical and physical design of databases and their use to support decision making.
- Analyze and design IT solutions to business problems. Plan and manage IT projects.
- Students can choose a MIS concentration in either of the following two tracks:
 - Electronic Commerce (E-Commerce)
 - Business Intelligence (BI)

MBA Admission Process

Students are admitted to the MBA program twice per year, in the fall and spring semesters only. The deadline for submission of all application materials is July 15 for the Fall semester and November 15 for the Spring semester (early submission is encouraged).

A complete application consists of the following materials:

1. Evidence of a baccalaureate degree from an accredited institution.
2. An official transcript of all undergraduate course work.
3. An acceptable GMAT score (score must be from a test taken within the last five (5) years of your application date, to be considered). An Analytical Writing score of 3.5 or above is required on the GMAT exam to fulfill the English proficiency requirement.
4. A two-page, career-objective essay (max 500 words) including a description of the applicant's greatest accomplishment and disappointment, and, lessons learned from the experiences, as well as a brief discussion of post MBA goals.
5. Two confidential letters of recommendation that include applicant's strengths, areas of improvement, and commitment to excellence.
6. A current résumé.
7. Official TOEFL (Test of English as a Foreign Language) score if the applicant's native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the Internet based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

Only completed applications (containing all required application materials listed above) will be reviewed for admission. Graduate application materials are received by the Graduate School and forwarded to the Jesse H. Jones School of Business for review. The recommendation of Jesse H. Jones School of Business is returned to the Graduate School. The Graduate School will make the final admission decision and notify the applicant of the decision. Prospective students wishing to inquire about their application status should direct questions to the Graduate School, until an official admissions notification is received.

Admission to the MBA program as a conditional or an unconditional student requires a baccalaureate degree from a regionally accredited institution.

Unconditional Admission

The applicant must submit an acceptable Graduate Management Aptitude Test (GMAT) score that will be used in conjunction with the applicant's socioeconomic profile and the undergraduate grade point average to determine admission to graduate programs. The following are some factors that may be included in the socioeconomic profile used in the admission process:

1. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
2. Applicant's status of first-generation to attend undergraduate school.
3. Applicant's status of first-generation to attend graduate or professional school.
4. Applicant is multilingual.
5. Applicant's employment while attending undergraduate school.
6. Applicant's role in helping rear other children in family.
7. Applicant's geographic residence in Texas at time of application.
8. Geographic region wherein applicant's high school is located.
9. Applicant's demonstration of performance in community activities.
10. Applicant's demonstration of commitment to a particular field of study.
11. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
12. The applicant's performance during a personal interview.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 3.00 undergraduate grade point average, or the undergraduate grade point average on the last sixty-hours (60) of course work must be at least 3.25. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in each course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated time period will result in the student being dropped from the program. All applicants seeking conditional admission must provide GMAT or GRE scores with initial admission application.

Admission Process

Students admitted to the MBA graduate degree program at the Jesse H. Jones School of Business are eligible to pursue this concentration.

Degree Requirements

Students pursuing the MBA with concentration in Management Information Systems must meet the academic regulations of Jesse H. Jones School of Business including those related to the minimum GPA and scholastic discipline. The Students must satisfy the MBA core curriculum requirements (24 credit hours) along with the concentration in Management Information Systems requirements (12 credit hours) to complete the MBA degree requirement.

Summary

Code	Title	Hours
	Core Curriculum (p. 556)	21
	Other Required Course	3
	Concentration (p. 556)	
	Select one of the following concentration tracks:	12
	Electronic Commerce Track	
	Business Intelligence Track	
Total Hours		36

Core Curriculum Requirements

Code	Title	Hours
FIN 621	Fin & Econ Anal	3
BADM 630	Managerial Communication	3
MGMT 636	Organizational & Mgmt Theory	3
MGMT 670	Global Strategic Mgmt	3
MGSC 624	Statistical Methods	3
MIS 671	Introduction to MIS	3
MKTG 650	Sem Mktg Probs	3
Total Hours		21

OTHER rEQUIRED cOURSE

Code	Title	Hours
FIN 652	Managerial Finance	3
Total Hours		3

Concentration

Code	Title	Hours
	Select one of the following concentration tracks:	12
	Electronic Commerce Track	
MIS 674	Data Communications	
MIS 675	Database Management Systems	
MIS 676	Web Design & Development	
MIS 677	E-Commerce	
	Business Intelligence Track	
MIS 675	Database Management Systems	
MIS 678	SAP Applications in SCM	
MIS 680	System Analysis & Development	
MIS 683	Current Topics in MIS	
Total Hours		12

Prerequisite Requirements

The following core subjects must be completed as prerequisites to the MBA level courses:

- Financial Accounting
- Principles of Economics
- Principles of Finance
- Principles of Management
- Statistics
- Operations/Production Management
- Principles of Marketing
- Introduction to Management Information Systems

Master of Business Administration (MBA)

The objective of the **Master of Business Administration (MBA)** program is to educate a diverse group of students by providing them with the knowledge, analytical ability, and management skills necessary for leadership positions in a world characterized by a diverse work force, rapid technological change, and a fiercely competitive global marketplace. The MBA program at Texas Southern University provides a general management education to individuals who aspire to advance in their current career or wish to prepare themselves for a completely new career.

Graduates of the MBA program are equipped with:

- An understanding of a broad array of business concepts related to finance, accounting, economics, marketing, operations, statistics, and business law.
- Skills that enable the appropriate application of critical, analytical, and strategic thinking to the analysis of and development of solutions to business problems.
- The ability to utilize information technology and systems for effective decision-making, problem solving, and communication.
- Strategies for leading and structuring high performance teams, working cooperatively, and communicating effectively.
- A greater appreciation for workplace diversity, ethical issues facing businesses today, and the challenges of the global market place.

MBA Admission Process

Students are admitted to the MBA program twice per year, in the fall and spring semesters only. The deadline for submission of all application materials is July 15 for the Fall semester and November 15 for the Spring semester (early submission is encouraged).

A complete application consists of the following materials:

1. Evidence of a baccalaureate degree from an accredited institution.
2. An official transcript of all undergraduate course work.
3. An acceptable GMAT score (score must be from a test taken within the last five (5) years of your application date, to be considered). An Analytical Writing score of 3.5 or above is required on the GMAT exam to fulfill the English proficiency requirement.
4. A two-page, career-objective essay (max 500 words) including a description of the applicant's greatest accomplishment and disappointment, and, lessons learned from the experiences, as well as a brief discussion of post MBA goals.

5. Two confidential letters of recommendation that include applicant's strengths, areas of improvement, and commitment to excellence.
6. A current résumé.
7. Official TOEFL (Test of English as a Foreign Language) score if the applicant's native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper based test or 213 on the computer based test or 79 on the Internet based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.

Only completed applications (containing all required application materials listed above) will be reviewed for admission. Graduate application materials are received by the Graduate School and forwarded to the Jesse H. Jones School of Business for review. The recommendation of Jesse H. Jones School of Business is returned to the Graduate School. The Graduate School will make the final admission decision and notify the applicant of the decision. Prospective students wishing to inquire about their application status should direct questions to the Graduate School, until an official admissions notification is received.

Admission to the MBA program as a conditional or an unconditional student requires a baccalaureate degree from a regionally accredited institution.

Unconditional Admission

The applicant must submit an acceptable Graduate Management Aptitude Test (GMAT) score that will be used in conjunction with the applicant's socioeconomic profile and the undergraduate grade point average to determine admission to graduate programs. The following are some factors that may be included in the socioeconomic profile used in the admission process:

1. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
2. Applicant's status of first-generation to attend undergraduate school.
3. Applicant's status of first-generation to attend graduate or professional school.
4. Applicant is multilingual.
5. Applicant's employment while attending undergraduate school.
6. Applicant's role in helping rear other children in family.
7. Applicant's geographic residence in Texas at time of application.
8. Geographic region wherein applicant's high school is located.
9. Applicant's demonstration of performance in community activities.
10. Applicant's demonstration of commitment to a particular field of study.
11. The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
12. The applicant's performance during a personal interview.

Conditional Admission

Students who fail to satisfy the unconditional admission criteria may be admitted on a conditional basis. Under conditional admission, the student must have at least a 3.00 undergraduate grade point average, or, the undergraduate grade point average on the last sixty-hours (60) of course work must be at least 3.25. Students admitted in this category will be required to meet the unconditional admission criteria by maintaining at least a grade of "B" or better in each course in the first twelve hours of graduate work within the first year of enrollment. Failure to satisfy unconditional admission criteria within the stipulated

time period will result in the student being dropped from the program. All applicants seeking conditional admission must provide GMAT or GRE scores with initial admission application.

Course Requirements

The Master of Business Administration degree requires thirty-six (36) hours of course work, including six (6) hours of electives that allow students to build depth of knowledge in a particular business discipline.

The following core subjects must be completed as prerequisites to the MBA level courses:

- Financial Accounting
- Principles of Economics
- Principles of Finance
- Principles of Management
- Statistics
- Operations/Production Management
- Principles of Marketing
- Information Technology

Degree Requirements

The minimum general requirements for the Master of Business Administration degree are:

1. A minimum grade point average of 3.0 is required for all graduate work attempted.
2. A residency of at least one academic year, or its equivalent, is required.
3. Courses transferred may not exceed 6 semester hours, and a grade of "B" or better must have been earned in each course.
4. No more than 6 semester credit hours of "C" and/or "C+" work are accepted toward satisfying graduation and degree requirements.
5. The program must be completed within 6 calendar years.
6. All MBA students are required to score a "3.5" or better on the writing component of the GMAT, or pass an English proficiency exam during their first semester, or obtain a passing grade in English 501.
7. To be considered full-time, a student must register for at least 9 semester hours of graduate work per semester. A normal course load consists of 12 semester hours. The maximum load that can be taken is 15 semester hours. A student who takes 15 semester hours must have an overall graduate grade point average of 3.5 or better and not be employed full-time.

Summary

Code	Title	Hours
Core Curriculum (p. 558)		21
Other Required Courses		9
Electives (p.)		6
Total Hours		36

CORE CURRICULUM REQUIREMENTS

Code	Title	Hours
FIN 621	Fin & Econ Anal	3
BADM 630	Managerial Communication	3
MGMT 636	Organizational & Mgmt Theory	3
MGMT 670	Global Strategic Mgmt	3

MGSC 624	Statistical Methods	3
MIS 671	Introduction to MIS	3
MKTG 650	Sem Mktg Probs	3
Total Hours		21

OTHER COURSE REQUIREMENTS

Code	Title	Hours
ACCT 631	Sem: Managerial Acctg	3
BADM 655	Entrepreneurship	3
FIN 652	Managerial Finance	3
Total Hours		9

Electives¹

Code	Title	Hours
Select two of the following:		6
BADM 644	Internship	
FIN 650	Investment Management	
MGMT 646	Graduate Seminar in Mgmt	
MGSC 625	Supply Chain Management	
MGSC 654	Spec Topics in Quantative Anal	
MIS 672	Intro to C++ or JAVA	
MIS 674	Data Communications	
MIS 675	Database Management Systems	
MKTG 634	Marketing Research	
Total Hours		6

¹ Six (6) semester hours of restricted elective (Choice of 2 courses from electives list)

College of Pharmacy and Health Sciences

Mission

The mission of the Texas Southern University College of Pharmacy and Health Sciences (COPHS) is to produce quality health care professionals, especially African-Americans and other ethnic minorities, who are competent in health care delivery, including the provision of patient-centered care and other health care services and programs.

In fulfilling its purpose, the College is committed to six objectives:

- providing an innovative, productive and receptive learning environment for research and scholarly activities and services;
- infusing new technology into its infrastructure and academic programs;
- preparing, nurturing and mentoring students to be leaders in their fields and good citizens who give back to their city, state, nation and global communities;
- evaluating and assessing academic programs to ensure that the programs support the mission, vision and values of the university and the college;
- supporting the advancement of graduate education and research; and
- developing cross disciplinary programs to reduce health disparities among minority and other disadvantaged population.

Accreditation

The College of Pharmacy and Health Sciences is a member of the American Association of Colleges of Pharmacy and the Association of Schools of Allied Health Professionals. The Doctor of Pharmacy program is accredited by the Accreditation Council for Pharmacy Education (ACPE). The Clinical Laboratory Science (Medical Technology) Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). The Environmental Health program is accredited by National Environmental Health Science and Protection Accreditation Council (EHAC). The Health Information Management Program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The Respiratory Therapy Program is accredited by the Committee on Accreditation for Respiratory Care (CoARC). The Health Administration program has full certified Undergraduate Membership Status in the Association of University Programs in Health Administration (AUPHA).

- Health Care Administration (Non Thesis Option), Master of Science (p. 562)
- Health Care Administration (Thesis Option), Master of Science (p. 563)
- Pharmaceutical Sciences, Doctor of Philosophy (p. 564)
- Pharmacy, Master of Science (p. 566)

Health Science - Health Administration

HSHA 511 Info Systems in Hlth Care Admi (3 Credits)

INFORMATION SYSTEMS IN HEALTH CARE (3) An introduction to substantive course content that provides basic vocabulary and principles of modern information architectures, computer networking and communication technologies and scientific methods. The course will cover the integration of technology in healthcare at all aspects as a result of the electronic health records, Affordable Care Act, HIPAA, etc. The course will keep students abreast of all cutting edge information systems knowledge by providing real-time instruction using practitioners and case-based problem-solving.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 512 Intro to Hlth Care Org (3 Credits)

INTRODUCTION TO HEALTH CARE ORGANIZATIONS (3) A review of U.S. health care organizations beginning with a historical context, systems theory, analysis of organizational components health service disciplines with personnel, national, state and local health trend analysis, quality assurance and its role in health care organizations, political issues, group projects and field trips.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 513 HC: Management Statistics (3 Credits)

QUANTITATIVE METHODS OF HEALTH MANAGEMENT (3) Mathematical, statistical, computer applications and statistical techniques used in decision making in health care hospitals.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 514 Human Resource & Labor Mgmt (3 Credits)

HUMAN RESOURCES MANAGEMENT AND LABOR RELATIONS (3) A review of the application of theories and concepts of organizational behavior to the personnel management function. Topics will include legal and regulatory influences, job analysis recruitment, selection, placement, compensation, performance, improvement and appraisal.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 516 Analysis of Hlth Care Mktgs (2 Credits)

ANALYSIS OF HEALTH CARE MARKETS (2) Introduction to survey marketing concepts as applied to health services organizations. Consumer behavior, marketing segmentation, target marketing, marketing research, management and control of marketing mix variables.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSHA 517 Health Care Economics (3 Credits)

HEALTH CARE ECONOMICS (3) Economy methodologies applied to the health services, concept of efficiency applied to production and distribution of health services, health insurance, government programs, health care personnel, health services organizations, current health policy issues, and emphasis on individual student application of economic principles to health issues.

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 518 Urban Health Disparities (3 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSHA 525 Healthcare Managerial Communication (3 Credits)

The course develops the management skills and competencies to enhance oral and written communication for health care managers. The course focuses on developing written skills in executive

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 535 Health Care Professionalism/Leadership (3 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Health Sciences

HSHA 612 Health Care Law & Bioethics (3 Credits)

HEALTH CARE LAW BIOETHICS (3) Reviews legal principles influencing health care providers. An overview of basic instruction in contract law, tort law, and antitrust law. Emphasizes major health care liability producing areas and interfaces between law and ethics with an in-depth approach to monitoring the moral mission of the institution. Case studies and practitioner support will be emphasized in this course. Prerequisite: HSHA 512 or Program Director Permission

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 613 Research Desg Meth & Analysis (3 Credits)

RESEARCH DESIGN METHODS (3) The course identifies health services research methodology used by health care administrators to collect, analyze and prepare reports for the purposes of running healthcare organizations. The courses focuses on both quantitative and qualitative research methodology enhancing competencies in decision-making based upon statistical analysis various forms of health care data including survey data, patient records, financial records, and other operational data. HSHA 512 or Program Director Permission

Prerequisite(s): HSHA 512

College/School: College Of Pharmacy/Hlth Sci.

Department: Phar Adm and Adm Health Scienc

HSHA 620 Contemporary Issues (3 Credits)**Prerequisite(s):** HSHA 512**College/School:** College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences**HSHA 621 Healthcare Org, Strategy & Mgm (3 Credits)****Prerequisite(s):** HSHA 512**College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Praticce/Clinical Hlth Sci**HSHA 650 Administrative Residency I (3 Credits)****Prerequisite(s):** HSHA 512**College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 651 Administrative Residency II (3 Credits)**

ADMINISTRATIVE RESIDENCY (3) A defined and structured field experience which will provide a practical professional relationship with preceptor, through handson practical experience which is gained of the management process within health service organizations and the application of theory and techniques through an assigned project or series of projects. Students must participate in two semesters (480 hours) of administrative residency. Students must have health insurance, liability insurance and current TB and immunization records. Prerequisite: Advisor Permission

Prerequisite(s): HSHA 512**College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 652 Healthcare Managerial Finance (3 Credits)**

MANAGERIAL FINANCE (3) Application of financial management techniques to decision making for health care providers. Financial management functions and organizations, financial statement analysis, working capital management, present value analysis, capital budget, analysis of local capital management, analysis of local capital budget, cost of capital, variance analysis, financial techniques, case studies, financial analysis. HSHA 512 or Program Director Permission

Prerequisite(s): HSHA 512**College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 658 Thesis Research I (3 Credits)**

THESIS/RESEARCH PROJECT (3) An intensive research study or selected project on a critical issue of health care administration, giving evidence of a thorough study of original sources, using the information, skills and knowledge obtained throughout the course of study. The student must register for both 658 and 659 to complete the THESIS requirement. The instructor of the Thesis course does not have to serve as the chair of the thesis committee.

College/School: College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 659 Thesis Research II (3 Credits)**

THESIS/RESEARCH PROJECT (3) An intensive research study or selected project on a critical issue of health care administration, giving evidence of a thorough study of original sources, using the information, skills and knowledge obtained throughout the course of study. The student must register for both 658 and 659 to complete the THESIS requirement. The instructor of the Thesis course does not have to serve as the chair of the thesis committee.

College/School: College Of Pharmacy/Hlth Sci.**Department:** Phar Praticce/Clinical Hlth Sci**HSHA 662 Health Policy Analysis (3 Credits)**

HEALTH POLICY ANALYSIS (3) Analysis of major issues in health services in health care institutions, inclusive of hospitals, medical practices, public health, mental health and professional health education. Prerequisite:

HSHA 512 or Program Director Permission

Prerequisite(s): HSHA 512**College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 663 Epidemiology Health Care Administration (3 Credits)**

EPIDEMIOLOGY FOR HEALTH ADMINISTRATION (3) The course provides an overview into population health and other public health topics for healthcare administration students. The course provides an introduction to competencies in the surveillance of disease in the population. A general analysis of population and public health concepts and terminology explain illness in the population. HSHA 512 or Program Director Permission

College/School: College Of Pharmacy/Hlth Sci.**Department:** Dpt of Pharmaceu Sc& Env HS**HSHA 669 HSHA-Independent Study (3 Credits)****College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 670 Cultural Competency for HealthCare Leaders (3 Credits)****Prerequisite(s):** HSHA 512**College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 680 Health Admin Capstone (3 Credits)****Prerequisite(s):** HSHA 512**College/School:** College Of Pharmacy/Hlth Sci.**Department:** Phar Adm and Adm Health Scienc**HSHA 699 Independent Study (3 Credits)****Prerequisite(s):** HSHA 512**College/School:** College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Health Sciences

Pharmaceutical Sciences

PHS 800 Bioethics (3 Credits)

The role of codes of professional conduct in the recognition, evaluation and resolution of conflicting ethical principles in research.

College/School: College Of Pharmacy/Hlth Sci.**Department:** Dpt of Pharmaceu Sc& Env HS**PHS 801 Biostatistics (3 Credits)**

Application of descriptive and inferential statistical principles to data collection, collation, and analysis.

College/School: College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Pharmaceutical Sci**PHS 802 Sem/Special Topics (1 Credits)**

Students' critical review of research papers and presentations on contemporary scientific issues. Seminars on research topics by outstanding scientists.

College/School: College Of Pharmacy/Hlth Sci.**Department:** (R)Dept of Pharmaceutical Sci**PHS 803 Seminar/Special Topics (1 Credits)**

Students' critical review of research papers and presentations on contemporary scientific issues. Seminars on research topics by outstanding scientists.

College/School: College Of Pharmacy/Hlth Sci.**Department:** Dpt of Pharmaceu Sc& Env HS

PHS 804 Seminar/Grantsmanship (1 Credits)

Student review and presentation of contemporary issues in / pharmaceutical sciences. Study of basic principles of developing a grant proposal with emphasis on goals/objectives, plan, data analysis, and budgeting.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 805 Seminar/Grantsmanship (1 Credits)

Student review and presentation of contemporary issues in / pharmaceutical sciences. Study of basic principles of developing a grant proposal with emphasis on goals/objectives, plan, data analysis, and budgeting.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 806 Admin and the Biomed Scien (3 Credits)

A course covering the elements and effective practice of management and administration, including decision-making processes, policy and program development, and selected aspects of behavior in organizations.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 807 Exp Design/Instr/Clin Measurmt (3 Credits)

The study of the theoretical and practical applications of literature search, statistics, and planning/ design to research development are discussed. It prepares students to employ these tools in solving research problems.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 808 Pathophysiology (3 Credits)

A discussion of the definition, classification, etiology, diagnosis, course, prognosis, signs, and symptoms of disease conditions.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 809 Pharmacology (3 Credits)

Provides knowledge of all aspects of the interactions of drugs with living tissues. Mechanisms of drug action that underlie the use of drugs for purposes are discussed. (Prerequisite: PHS 808, Pathophysiology and PHS 813 Advanced Biochemistry).

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 810 Physical Pharmacy (3 Credits)

The study of proteolytic equilibria and buffer solutions, interfacial phenomena and diffusion coefficient, stability kinetics, complexation and protein binding, and polymer science.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 811 Pharmacokinetics (3 Credits)

The discussion of processes of absorption, distribution, metabolism and excretion of drugs. This course also examines the effects of disease, drug dosage forms, and drug doses on therapeutic and toxic responses. (Prerequisite: PHS 810)

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 812 Advanced Biochem (3 Credits)

A course exploring the mechanisms of action of biological catalysts and effectors with regard to possible means of selective chemotherapeutic control of biological processes.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 813 Advanced Organic Chem (3 Credits)

Focus on the structure and functions of molecules and the application of those parameters to the design and synthesis of organic substances.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 814 Lab Rotation (3 Credits)

An introduction of on-going research projects to students in three laboratories. Students must complete this course before selecting the dissertation advisor.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 815 Masters Research (1-3 Credits)

MASTERS THESIS Supervised research and thesis preparation

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 816 Masters Thesis (1-3 Credits)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 900 Biosyn and Drug Metabolism (3 Credits)

A course describing methods employed in the study/synthesis of natural compounds, biotransformation pathways, and the significance of metabolism in the design of new agents.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 901 Cell Biology (3 Credits)

A course which conveys an understanding of the molecular basis of cellular compartmentalization, protein/membrane trafficking, cytoskeleton regulation, molecular motors, cell cycle, cell death, signal transduction, cell-cell and matrix-cell communications.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 902 Cytology (3 Credits)

A course providing a detailed study of cellular organelles, their physiology, and their role in metabolism and in the development of different diseases. It highlights techniques employed in studying the cell.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 903 Immunology (3 Credits)

The description of mechanisms of body protection against foreign bodies and antigens. Immunodeficiency syndromes, autoimmunity, allergic responses and vaccine technology are also discussed.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 904 Genetics and Pharmacogenomics (3 Credits)

A course describing the biology and physiology of genes. It covers the genetic basis of diseases, drug actions/toxicity, and interindividual differences in responses to drugs.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 905 Advanced Medicinal Chem (3 Credits)

A course emphasizing practical synthetic chemistry useful in the preparation of complex polyfunctional molecules.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 906 Advanced Pharmacokinetics (3 Credits)

The application of concepts of drug kinetics to the interpretation of preclinical and clinical data. Mathematical derivations of the mass balanced relationships involving rate processes and their physiological importance are discussed. (Prerequisite: PHS 811)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 907 Advanced Pharmaceutics (3 Credits)

Discussion of topics including Preformulation pharmaceutical excipients, solid dosage forms, dispersed systems, microencapsulated formulations, controlled release dosage forms and dermatological and biotechnological-derived products

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 908 Advanced Drug Delivery Sys (3 Credits)

The current practice, rationale and design of novel drug delivery systems, novel drug delivery systems under investigation and future drug delivery technology and systems.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 909 Respiratory Pharmacology (3 Credits)

A detailed presentation on the interactions of drugs with the pulmonary system. The molecular basis of drug efficacy in respiratory dysfunctional states will be explored. (Prerequisite: PBS 809, Pharmacology)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 910 Endocrine Pharmacology (3 Credits)

A discussion of the impact of drugs on the biosynthesis and mechanisms of action of hormones in regulation of cellular metabolism and expression of physiological effects. Research problems in endocrinology will be highlighted. (Prerequisites: PHS 809, Pharmacology.)

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 911 Cardiovascular Pharmacology (3 Credits)

An in-depth discussion of the basic physiology of the cardiovascular system and all aspects of chemical interactions with the system. Research techniques designed to address cardiovascular problems will be presented. Pre-requisite: PHS 809.

Prerequisite(s): PHS 809

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 912 Neurpharmacology (3 Credits)

A course focusing on the etiology and development of neurological disease and how drugs, at a molecular level, affect transmission of chemical signals, the brain's signaling system and function as well as pathways of neurological disorders. (Prerequisite: PBS 809, Pharmacology.)

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 913 Molecular Pharmacology (3 Credits)

A course designed to study receptors, signaling, pathways, enzymes, channels, transcriptional mechanisms, and molecular modeling relevant to drug design and drug action.

College/School: College Of Pharmacy/Hlth Sci.

Department: (R)Dept of Pharmaceutical Sci

PHS 916 PhD Research I (1-3 Credits)

Supervised research on an approved research problem suitable for the preparation of a dissertation.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 917 PhD Research II (1-3 Credits)

Supervised research on an approved research problem suitable for the preparation of a dissertation.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 918 PhD Dissertation I (1-9 Credits)

Supervised research and dissertation preparation

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

PHS 919 PhD Dissertation II (1-9 Credits)

Supervised research and dissertation preparation

College/School: College Of Pharmacy/Hlth Sci.

Department: Dpt of Pharmaceu Sc& Env HS

Health Care Administration (Non Thesis Option), Master of Science

Master of Science in Health Care Administration

Texas Southern University offers a two-year Master of Science degree in Health Care Administration (MHCA). This pioneer program is jointly sponsored by the Texas Southern University Graduate School and the College of Pharmacy and Health Sciences.

Health care will continue to experience change in the near future as the health care delivery system adapts to services that are sensitive to health management as it changes from a biomedical model to a behavioral model. Navigating this complex, competitive and market driven world of health care requires sophisticated administrative skills. Graduates of our Texas Southern University Health Care Administration Program will be prepared to have these skills.

With the Master of Science in Health Care Administration degree from Texas Southern University, graduates join a distinguished group of administrators and alumni who demonstrate skill and proficiency as healthcare managers and executives. Health care organizations have long been recognized as being complex organizations. Too few people, including health managers and health consumers, appreciate the complexity of the organizations. A critical part of the solution for health care in America lies in preparing professionals who can manage these organizations and positively impact the health care system. Consequently, the MHCA program at Texas Southern University is designed to prepare students to focus on improvements in the health care system.

Admission Requirements

The Master of Health Care Administration (MHCA) program requires approximately twenty-four months to complete (including administrative internship) following completion of prerequisite courses in management, statistics, and accounting. Prerequisites must be completed no later than the semester prior to enrollment. Upon being accepted into the (MHCA) program students will have a choice of drafting a Thesis or completing coursework to graduate. Students will declare which option they prefer by

signing their degree plan designating they select either (Option 1 Thesis or Option 2 Non- Thesis).

Applicants may have undergraduate degree training in disciplines outside of healthcare administration. Applications for admission to the MHCA program are processed through the University Graduate School.

The Graduate Admissions Committee within the College of Pharmacy and Health Sciences will review all applications and with approval of the Dean of the College of Pharmacy and Health Sciences, the decisions of the Committee will be referred to the Dean of the Graduate School.

Applicants must have graduated with a bachelor's degree (or its equivalent) from an accredited college or university. Applicants must have completed a satisfactory undergraduate sequence of courses.

Applicants must have a strong background in the courses shown below to provide an academic base for advanced studies in health care administration. In addition, prospective students must demonstrate competencies in communications (oral and written) and mathematics. Prerequisite courses may be waived for students who have successfully completed previous course work with a grade of "B" or higher in the following content areas:

- Quantitative Methods in Public Administration
- Public Budgeting
- Finances and Economics of Health Care
- Health Information Systems

Applicants must have a score on the aptitude section of the Graduate Management Admissions Test (GMAT) or Graduate Record Examination (GRE) acceptable to the Admissions Committee for the Graduate School.

Applicants must have a TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test or 79 on the Internet based if the applicant is an international student. Applicants must present an essay identifying career goals and objectives, research interest and the relationship of the health care administration program to the candidate's professional goals. Applicants must present three (3) letters of recommendation from persons qualified to evaluate applicants' capability for graduate study, including past scholastic performance, administrative abilities (as applicable), and personal motivation. Applicants must submit a resume detailing educational accomplishments and work experience.

Application Deadline

The deadline for applications can be found on the Graduate School website.

Course	Title	Hours
First Year		
First Semester		
HSHA 511	Info Systems in Hlth Care Admi	3
HSHA 512	Intro to Hlth Care Org	3
HSHA 513	HC: Management Statistics	3
HSHA 517	Health Care Economics	3
Hours		12
Second Semester		
HSHA 514	Human Resource & Labor Mgmt	3
HSHA 525	Healthcare Managerial Communication	3
HSHA 621	Healthcare Org, Strategy & Mgm	3

HSHA 652	Healthcare Managerial Finance	3
Hours		12
Third Semester		
HSHA 535	Health Care Professionalism/Leadership	3
HSHA Elective		3
HSHA 663	Epidemiology Health Care Administration	3
Hours		9
Second Year		
First Semester		
HSHA 612	Health Care Law & Bioethics	3
HSHA 670	Cultural Competency for HealthCare Leaders	3
HSHA 650	Administrative Residency I	3
HSHA 658	Thesis Research I	3
Hours		12
Second Semester		
HSHA 662	Health Policy Analysis	3
HSHA 680	Health Admin Capstone	3
HSHA 659	Thesis Research II	3
Hours		9
Total Hours		54

Health Care Administration (Thesis Option), Master of Science

Master of Science in Health Care Administration

Texas Southern University offers a two-year Master of Science degree in Health Care Administration (MHCA). This pioneer program is jointly sponsored by the Texas Southern University Graduate School and the College of Pharmacy and Health Sciences.

Health care will continue to experience change in the near future as the health care delivery system adapts to services that are sensitive to health management as it changes from a biomedical model to a behavioral model. Navigating this complex, competitive and market driven world of health care requires sophisticated administrative skills. Graduates of our Texas Southern University Health Care Administration Program will be prepared to have these skills.

With the Master of Science in Health Care Administration degree from Texas Southern University, graduates join a distinguished group of administrators and alumni who demonstrate skill and proficiency as healthcare managers and executives. Health care organizations have long been recognized as being complex organizations. Too few people, including health managers and health consumers, appreciate the complexity of the organizations. A critical part of the solution for health care in America lies in preparing professionals who can manage these organizations and positively impact the health care system. Consequently, the MHCA program at Texas Southern University is designed to prepare students to focus on improvements in the health care system.

Admission Requirements

The Master of Health Care Administration (MHCA) program requires approximately twenty-four months to complete (including administrative internship) following completion of prerequisite courses in management,

statistics, and accounting. Prerequisites must be completed no later than the semester prior to enrollment. Upon being accepted into the (MHCA) program students will have a choice of drafting a Thesis or completing coursework to graduate. Students will declare which option they prefer by signing their degree plan designating they select either (Option 1 Thesis or Option 2 Non- Thesis).

Applicants may have undergraduate degree training in disciplines outside of healthcare administration. Applications for admission to the MHCA program are processed through the University Graduate School.

The Graduate Admissions Committee within the College of Pharmacy and Health Sciences will review all applications and with approval of the Dean of the College of Pharmacy and Health Sciences, the decisions of the Committee will be referred to the Dean of the Graduate School.

Applicants must have graduated with a bachelor's degree (or its equivalent) from an accredited college or university. Applicants must have completed a satisfactory undergraduate sequence of courses.

Applicants must have a strong background in the courses shown below to provide an academic base for advanced studies in health care administration. In addition, prospective students must demonstrate competencies in communications (oral and written) and mathematics. Prerequisite courses may be waived for students who have successfully completed previous course work with a grade of "B" or higher in the following content areas:

- Quantitative Methods in Public Administration
- Public Budgeting
- Finances and Economics of Health Care
- Health Information Systems

Applicants must have a score on the aptitude section of the Graduate Management Admissions Test (GMAT) or Graduate Record Examination (GRE) acceptable to the Admissions Committee for the Graduate School.

Applicants must have a TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test or 79 on the Internet based if the applicant is an international student. Applicants must present an essay identifying career goals and objectives, research interest and the relationship of the health care administration program to the candidate's professional goals. Applicants must present three (3) letters of recommendation from persons qualified to evaluate applicants' capability for graduate study, including past scholastic performance, administrative abilities (as applicable), and personal motivation. Applicants must submit a resume detailing educational accomplishments and work experience.

Application Deadline

The deadline for applications can be found on the Graduate School website.

For students with a program start date during or after to Fall 2014

Course	Title	Hours
First Year		
First Semester		
HSHA 511	Info Systems in Hlth Care Admi	3
HSHA 512	Intro to Hlth Care Org	3
HSHA 513	HC: Management Statistics	3
HSHA 517	Health Care Economics	3
Hours		12

Second Semester

HSHA 514	Human Resource & Labor Mgmt	3
HSHA 525	Healthcare Managerial Communication	3
HSHA 621	Healthcare Org, Strategy & Mgm	3
HSHA 652	Healthcare Managerial Finance	3
Hours		12

Third Semester

HSHA 535	Health Care Professionalism/Leadership	3
HSHA Elective		3
HSHA 663	Epidemiology Health Care Administration	3
Hours		9

Second Year

First Semester

HSHA 612	Health Care Law & Bioethics	3
HSHA 670	Cultural Competency for HealthCare Leaders	3
HSHA 650	Administrative Residency I	3
HSHA 658	Thesis Research I	3
Hours		12

Second Semester

HSHA 662	Health Policy Analysis	3
HSHA 680	Health Admin Capstone	3
HSHA 659	Thesis Research II	3
Hours		9
Total Hours		54

Pharmaceutical Sciences, Doctor of Philosophy

Graduate Program in Pharmaceutical Sciences

The **Pharmaceutical Sciences Graduate Program** is housed in the Department of Pharmaceutical and Environmental Health Sciences in the College of Pharmacy and Health Sciences (COPHS) and is led by a group of active, productive faculty. Over the last several years COPHS has been developing its research infrastructure, which now has reached the level to support the program adequately. Collectively, the Research Centers in Minority Institutions, the Center for Cardiovascular Diseases, and the Center of Excellence in Health Disparities Research have contributed significantly to the development of research infrastructure in the COPHS.

The Doctor of Philosophy in Pharmaceutical Sciences with specialization in pharmacology and pharmaceuticals is offered through the program. The Master of Science in Pharmaceutical Science s is also offered as a contingency program. The M.S. and Ph.D. degree curricula are designed to provide a scientifically integrated training that permits students to:

1. Acquire knowledge and skills that facilitate a comprehensive understanding of the genesis and progression of pathological conditions;
2. Apply knowledge and skills to the discovery, design, development, and delivery of drugs and dosage forms;
3. Be prepared to pursue professional careers in academic, pharmaceutical industry, and governmental settings.

Admission Requirements

In addition to meeting the requirements and following the procedures for admission to the Graduate School, applicants to the Doctor of Philosophy in Pharmaceutical Sciences must have earned a bachelor's degree in the natural or health sciences. Admission to the Ph.D. in Pharmaceutical Sciences program will be granted to students who are judged most likely to achieve eminence in the field. It is anticipated that a small number of students will be granted admission each year. Other specific requirements for admission to the program include:

1. An acceptable combined score on the Graduate Record Examination.
2. A minimum cumulative undergraduate GPA of 2.75.
3. Three letters of recommendation from individuals who are familiar with the applicant's previous academic performance and potential for success in graduate school.
4. Equivalent quantitative and qualitative measures indicating academic performance acceptable to the graduate admissions committee.

Socioeconomic factors will also be used to determine an applicant's admission status. International students, in addition to the above requirements, must meet the English Proficiency requirements of the Graduate School.

The primary objective of the Ph.D. degree program is to train students for advanced careers in pharmaceutical sciences. Specialization with two specific tracks, 1) pharmacology and 2) pharmaceuticals, will be offered for the Ph.D. degree. A series of courses in pharmaceutical sciences in the existing entry-level Pharm.D. program offered by the COPHS will be made available to students entering in the Ph.D. program as the foundation/leveling courses. Course requirements for a Ph.D. in Pharmacology and Ph.D. in Pharmaceuticals are tabulated below; the course descriptions are listed in item D.

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 565)	17
	Electives (p. 565)	9
	Specialization Requirements (p. 565)	12
	Dissertation Requirements (p. 565)	36
	Total Hours	74

Core Curriculum Requirements

Code	Title	Hours
PHS 800	Bioethics	3
PHS 801	Biostatistics	3
PHS 802	Sem/Special Topics	1
PHS 803	Seminar/Special Topics	1
PHS 808	Pathophysiology ¹	3
PHS 809	Pharmacology ¹	3
PHS 810	Physical Pharmacy ²	3
PHS 814	Lab Rotation	3
PHS 908	Advanced Drug Delivery Sys ²	3
	Total Hours	23

¹ Pharmacology Track

² Pharmaceuticals Track

Foundation/Leveling Course Requirements

Code	Title	Hours
PHAR 426	Pathophysiology	2
PHAR 428	Pharmacology	2
PHAR 539	Pharm III Pharmacokinetics	3
PHAR 519	Pharm III Pharmacokinetics Lab	1
	Total Hours	8

Electives

Code	Title	Hours
PHS 807	Exp Design/Instr/Clin Measurmt ^{1,2}	3
PHS 811	Pharmacokinetics ²	3
PHS 812	Advanced Biochem ^{1,2}	3
PHS 913	Molecular Pharmacology ¹	3
	Total Hours	12

¹ Pharmacology Track

² Pharmaceuticals Track

Specialization Requirements

Code	Title	Hours
Select twelve credit hours from the following:		12
PHS 900	Biosyn and Drug Metabolism ^{1,2}	
PHS 901	Cell Biology ¹	
PHS 904	Genetics and Pharmacogenomics ^{1,2}	
PHS 905	Advanced Medicinal Chem ^{1,2}	
PHS 906	Advanced Pharmacokinetics ²	
PHS 907	Advanced Pharmaceuticals ²	
PHS 909	Respiratory Pharmacology ¹	
PHS 910	Endocrine Pharmacology ¹	
PHS 911	Cardiovascular Pharmacology ¹	
PHS 912	Neurpharmacology ¹	
	Total Hours	12

¹ Pharmacology Track

² Pharmaceuticals Track

Dissertation & Research Requirements

Code	Title	Hours
"PHS 916	PhD Research I"	6
"PHS 917	PhD Research II"	6
"PHS 918	PhD Dissertation I"	12
"PHS	PhD Dissertation II"	12
	Total Hours	36

Philosophy, PhD Program Requirements

Completion of 74 credit hours of course work.

Qualifying Examination

The exam should be taken as soon as a student completes the Foundation/Leveling Courses, usually within the 1st year of the

graduate program. The purpose of the qualifying examination will be to test the student's level of understanding of basic concepts in the pharmaceutical sciences. This examination not only will be a test of a student's preparation to undertake doctoral work, but also will be used as a diagnostic tool to indicate whether or not further work in any of the these areas will be needed. Until the student passes the qualifying examination (minimum 75%), he/she will be limited in the advanced doctoral coursework that he/she can take.

Comprehensive Examination

The examination is intended to test a student's mastery of the skills and knowledge that should have been acquired in the program of study. Upon the successful completion of this examination and other graduate school requirements, the student becomes a candidate for the doctoral degree. The examination will be taken at the end of the period of formal course work and study, but prior to the commencement of substantial work on the dissertation. The examination cannot be taken until all credit hour requirements are completed. A candidate will be given two attempts to take and pass the Comprehensive Examination (minimum 75%). Therefore, concerted work on the dissertation will not normally begin until the student has passed the comprehensive examination. A doctoral student who fails the comprehensive examination the second time may petition for a third examination. The petition must show a plan of action in which the petitioner will engage to enhance his/her chances for satisfactorily completing the examination that was failed. The chairperson of the student's doctoral committee, the department head, the dean of the college and the dean of the graduate school must approve the petition. A student who fails to pass the doctoral comprehensive exam or any part of it after the third attempt will be automatically discontinued as a student in the doctoral degree program.

Doctoral Candidacy

The doctoral student must satisfy the following requirements before he/she can be admitted to candidacy for the degree:

1. Be admitted unconditionally to the Doctor of Philosophy in pharmaceutical sciences degree program.
2. Satisfy the residency requirement of two consecutive semesters of full-time residence or an approved equivalence. c. Pass the doctoral comprehensive examination.

Dissertation Work and Oral Public Defense of the Dissertation

After achieving candidacy, the advisor in consultation with the candidate will recommend a dissertation committee to the Dean of the Graduate School. The dissertation committee will consist of a minimum of three graduate faculty members with demonstrated expertise in the focus of the dissertation. These three members include the dissertation advisor, one member from a faculty of the College of Pharmacy and Health Sciences, a third member who will be a graduate school representative appointed by the Dean of the Graduate School, and potentially an additional member from an outside institution. The dissertation advisor will serve as chairman of the dissertation committee. When the dissertation proposal has been approved the candidate will:

- complete the required research,
- prepare a dissertation, and
- make an oral defense to the committee.

If failed, the candidate must petition the Dean of the Graduate School, through his department, for permission to take the examination a second time. A second examination will not be permitted within a period of one

semester after a failure is recorded on the first attempt. The dissertation serves a number of purposes and involves the following:

1. satisfying the academic community.
2. Meeting the university standards.
3. Demonstrating to the supervisory committee that the student is capable of undertaking and successfully completing

Dissertation or thesis research courses receive grades of satisfactory or unsatisfactory only. Grades are assigned only after the defense of the dissertation or thesis. A successful defense and submission of the dissertation or thesis requires the supervising member of faculty to assign a satisfactory grade for the appropriate research courses.

Publications

The ability to develop and test scientifically meritorious hypotheses and publish the findings in peer-reviewed, indexed scientific journals is a critical skill for advanced careers in pharmaceutical sciences. The Ph.D. candidate must demonstrate ability in this area by:

- a. Making a minimum of two presentations at national research meetings.
- b. Publishing a minimum of one paper in a peer-reviewed indexed scientific journal.
- c. Submitting a minimum of one research paper for publication in an indexed-refereed journal.

Time Limit for the Completing of the Doctor of Philosophy Degree

After being admitted to a program leading to the Doctor of Philosophy degree, a student will be allowed seven calendar years in which to complete all the program requirements. Continuation in the doctoral degree program beyond the seven-year limit must be approved by the student's Doctoral Degree Advisory Committee and the Dean of the Graduate School. The maximum time allowed to complete the doctoral program, including an approved extension, is nine calendar years. This time limit does not include work done as part of the requirements for the master's degree. Credits earned more than seven years prior to the date of completion of doctoral degree requirements at Texas Southern University cannot be accepted toward satisfying the doctoral degree requirements.

Readmission

A student who discontinues matriculation in the Graduate School for one or more semesters must apply for readmission. The evaluation of applications for readmission will be based on University and specific program admission requirements in existence at the time of the re-admission application.

Pharmacy, Master of Science Graduate Program in Pharmaceutical Sciences

The **Pharmaceutical Sciences Graduate Program** is housed in the Department of Pharmaceutical and Environmental Health Sciences in the College of Pharmacy and Health Sciences (COPHS) and is led by a group of active, productive faculty. Over the last several years COPHS has been developing its research infrastructure, which now has reached the level to support the program adequately. Collectively, the Research Centers

in Minority Institutions, the Center for Cardiovascular Diseases, and the Center of Excellence in Health Disparities Research have contributed significantly to the development of research infrastructure in the COPHS.

The Doctor of Philosophy in Pharmaceutical Sciences with specialization in pharmacology and pharmaceuticals is offered through the program.

The Master of Science in Pharmaceutical Sciences is also offered as a contingency program. The M.S. and Ph.D. degree curricula are designed to provide a scientifically integrated training that permits students to:

1. Acquire knowledge and skills that facilitate a comprehensive understanding of the genesis and progression of pathological conditions;
2. Apply knowledge and skills to the discovery, design, development, and delivery of drugs and dosage forms;
3. Be prepared to pursue professional careers in academic, pharmaceutical industry, and governmental settings.

1. Completion of 40 credit hours of course work.
2. Minimum of one presentation at a national research meeting.
3. Submission of one research paper to indexed-refereed journal.
4. Successful public defense of thesis.

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 567)	14
	Electives (p. 567)	6
	Specialization Requirements (p.)	9
	Dissertation/Thesis Requirements (p. 567)	9
Total Hours		38

Core Curriculum Requirements

Code	Title	Hours
PHS 800	Bioethics	3
PHS 801	Biostatistics	3
PHS 802	Sem/Special Topics	1
PHS 803	Seminar/Special Topics	1
	Select one of the following:	3
PHS 809	Pharmacology ¹	
PHS 810	Physical Pharmacy ²	
PHS 814	Lab Rotation	3
Total Hours		14

¹ Pharmacology Track

² Pharmaceutics Track

Foundation/Leveling Courses

Code	Title	Hours
PHAR 426	Pathophysiology	2
PHAR 428	Pharmacology	2
PHAR 539	Pharm III Pharmacokinetics	3
PHAR 519	Pharm III Pharmacokinetics Lab	1
Total Hours		8

Electives

Code	Title	Hours
	Select two of the following:	6
PHS 811	Pharmacokinetics ²	
PHS 812	Advanced Biochem ^{1,2}	
PHS 913	Molecular Pharmacology ¹	
Total Hours		6

¹ Pharmacology Track

² Pharmaceutics Track

Specialization

Code	Title	Hours
	Select three of the following:	9
PHS 808	Pathophysiology	
PHS 901	Cell Biology	
PHS 906	Advanced Pharmacokinetics	
PHS 907	Advanced Pharmaceutics	
Total Hours		9

Dissertation, Research and Thesis Requirements

Code	Title	Hours
"PHS 815	Masters Research"	6
PHS 816	Masters Thesis	3
Total Hours		9

A student should also meet the following requirements:

1. Minimum of one presentation at a national research meeting
2. Submission of one research paper to indexed-refereed journal
3. Successful public defense of thesis

Barbara Jordan - Mickey Leland School of Public Affairs

The mission of the **Barbara Jordan-Mickey Leland School of Public Affairs** is to serve as an urban-focused community of learning, dedicated to educating professionals who will plan and administer environmentally healthy and sustainable communities at the local, state, national, and international levels of society. Currently, the Barbara Jordan-Mickey Leland School of Public Affairs offers and administers the following graduate degree programs: Master of Science in Administration of Justice, Doctor of Philosophy in Administration of Justice, Master of Public Administration, Executive Master of Public Administration, Master of Urban Planning and Environmental Policy and Doctor of Philosophy in Urban Planning and Environmental Policy. In offering these programs, the School seeks to achieve the following objectives:

1. Promote teaching, research, and service activities that will enhance the performance of public administrators, urban planners, and environmental policy analysts at local, state, national and international levels.
2. Provide an interdisciplinary focused graduate education that contains the theory, concepts, and research skills necessary for students who seek careers in public administration, urban planning, and

environmental policy and for those already working in these career areas that want to improve their capabilities.

3. Generate state of art research that advance understanding on complex public policy issues facing public sector managers, urban planners, and environmental policy makers.
 4. Educate students with appropriate knowledge, analytic skills, managerial capabilities, and sensitivities to address questions of equity and social justice.
 5. Prepare students to become wise consumers of research and instill in them the importance of continuing their professional career development.
- Administration Of Justice (Non-Thesis Option), Master of Science (p. 571)
 - Administration of Justice (Thesis Option), Master of Science (p. 573)
 - Administration of Justice, Doctor of Philosophy (p. 574)
 - Executive Master of Administration of Justice (Non-Thesis Option), eMAJ (p. 576)
 - Executive Master of Administration of Justice (Thesis Option), eMAJ (p. 577)
 - Executive Master of Public Administration (p. 580)
 - Master of Public Administration (Human Resources Specialization) (p. 581)
 - Master of Public Administration (International Development Specialization) (p. 582)
 - Master of Public Administration (Public Policy Specialization) (p. 583)
 - Master of Public Administration (Urban Planning and Environmental Policy Specialization) (p. 585)
 - Master of Public Administration/Juris Doctor Dual Degree (p. 586)
 - Public Affairs, Bachelor of Science and Master of Public Administration 4+1 Dual Degree (p. 587)
 - Public Affairs, Bachelor of Arts and Executive Master Public Administration, eMPA 4+1 Dual Degree (p. 588)
 - Urban Planning and Environmental Policy (Community Development and Housing Concentration), Master of Arts (p. 596)
 - Urban Planning and Environmental Policy (Spatial Analysis and Mobility Planning Concentration), Master of Arts (p. 597)
 - Urban Planning and Environmental Policy (Sustainable Environmental and Land Use Planning Concentration), Master of Arts (p. 599)
 - Urban Planning and Environmental Policy, Doctor of Philosophy (p. 601)

Department of Administration of Justice

- Administration Of Justice (Non-Thesis Option), Master of Science (p. 571)
- Administration of Justice (Thesis Option), Master of Science (p. 573)
- Administration of Justice, Doctor of Philosophy (p. 574)
- Executive Master of Administration of Justice (Non-Thesis Option), eMAJ (p. 576)
- Executive Master of Administration of Justice (Thesis Option), eMAJ (p. 577)

AJ 500 Sem in Admin of Justice (3 Credits)

AJ 500 Seminar in Administration of Justice (3) This course introduces students to the study of administration of justice. It provides an overview of the historical development of justice agencies and contemporary administrative, organizational, and management issues.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 501 Seminar in ADM of JUS Theory (3 Credits)

Foundations of Justice Administration (3) This course introduces students to the study of administration of justice. It provides an overview of the history, theories, ideologies, organization, management and contemporary issues in justice agencies.

Prerequisite(s): AJ 500

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 502 Seminar in Research Methods (3 Credits)

Research Methods (3) This course provides an overview of research methods, evaluation research, and the role of the researcher in administration of justice.

Prerequisite(s): AJ 500

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 503 Seminar in Quantitative Meth I (3 Credits)

Data Analysis for the Administration of Justice (3) Introduction to statistics and data analysis in administration of justice. Includes an overview of measurement and statistics for univariate, bivariate and multivariate data.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 504 Sem RaceClassGenderCrime in AJ (3 Credits)

Policy Issues in the Administration of Justice (3) This course examines contemporary policy issues in Administration of Justice. Special emphasis is placed upon the policy making process in law enforcement, corrections and judicial agencies.

Prerequisite(s): (AJ 501 and AJ 500)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 505 Seminar on Ethics in AJ (3 Credits)

Race, Class, and Gender in Administration of Justice (3) This course examines the historical and contemporary context of race, class, and gender and its impact on justice agency administration. Special emphasis is placed upon contemporary issues including minority employment trends in justice agencies, racial profiling, and disproportionate minority confinement.

Prerequisite(s): AJ 500

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 607 Police Administration (3 Credits)

Police Administration (3) Seminar on the administration and management of federal, state, local, private, special district and tribal police organizations. Special emphasis is placed on new challenges to police administration including community policing, homeland security, and technological advances.

Prerequisite(s): AJ 500

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 608 Crime Lab Administration (3 Credits)

Crime Lab Administration (3) This course examines the policies and procedures critical to crime lab administration. Topics include managing evidence and property inventories, interorganizational cooperation, and new approaches to crime lab management.

Prerequisite(s): AJ 500 and AJ 607

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 609 Issues In Corrections Administ (3 Credits)

AJ 609 Issues in Corrections Administration (3) This course will examine the organization and administration of correctional agencies including jails, prisons, probation and parole, and administration of the death penalty. Emphasis is placed on contemporary administrative and policy issues including prison overcrowding, policy initiatives such as three-strikes legislation, and sentencing disparities. (Prerequisites: AJ 500, 504.)

Prerequisite(s): AJ 500 and AJ 504

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 610 Issues in Judicial Adm (3 Credits)

Homeland Security Issues and Administration of Justice (3) Introduction to homeland security at the federal, state, and local levels of government. Includes an overview of the reorganization of federal, state, and local agencies, legislation, and border security and other challenges for justice agency administrators.

Prerequisite(s): AJ 500 and AJ 501

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 611 Issues in Juvenile Justice Adm (3 Credits)

Issues in Corrections Administration (3) This course will examine the organization and administration of correctional agencies including jails, prisons, probation and parole, and administration of the death penalty. Emphasis is placed on contemporary administrative and policy issues including prison overcrowding, policy initiatives such as three-strikes legislation, and sentencing disparities.

Prerequisite(s): AJ 500 and AJ 501

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 612 ADM Law for Justice Agencies (3 Credits)

Issues in Judicial Administration (3) This course presents an overview of administrative issues confronting courts and court related agencies in Texas and at the federal level. The course will also examine contemporary issues including sentencing policies, disparities in sentencing, restorative justice, and diversion.

Prerequisite(s): AJ 500 and AJ 504

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 613 Eval Research for Jus Agencies (3 Credits)

AJ 613 Evaluation Research for Justice Agencies (3) This course provides an overview of evaluation research methods and their application to justice agencies policies and programs. It provides an in-depth analysis of the complexities of evaluation research in administration of justice by examining recent research. (Prerequisites: AJ 501, 502, 503, 504.)

Prerequisite(s): AJ 500 and AJ 502 and AJ 503 and AJ 504

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 614 Issues in Terrorism and AJ (3 Credits)

AJ 614 Issues in Terrorism and the Administration of Justice (3) This course presents an analysis of the impact of terrorism on administration and management of justice agencies. Topics covered include domestic and international terrorism, integrated terrorism information systems, secure confinement, and technological developments. (Prerequisites: AJ 501, 607.)

Prerequisite(s): AJ 501 and AJ 607

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 615 Seminar on Special Topic In AJ (3 Credits)

AJ 615 Seminar on Special Topics in Administration of Justice (3) This course is designed to provide in-depth analyses of selected topics in Administration of Justice. (Prerequisites: AJ 500, 501, 502, 503.)

Prerequisite(s): AJ 500 and AJ 501 and AJ 502 and AJ 503

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 616 Environmental Crime & AJ (3 Credits)

AJ 616 Environmental Crime and Administration of Justice (3) This course provides an examination of the nature and forms of environmental crime and the role of justice agencies in its prevention and control. The course includes an examination of perpetrators, enforcement, prosecution and sanctioning at state, national and international levels. (Prerequisites: AJ 500, 504, 505.)

Prerequisite(s): AJ 500 and AJ 505

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 617 Independent Study (3 Credits)

AJ 617 Independent Study (3) This course is a student-initiated research activity that involves successful completion of a research project in administration of justice; development of references pertinent to the research topic; a collection of relevant articles and brief synopsis; and submission of a twenty-five (25) pages or more research report to the professor. (Prerequisites: AJ 500, 501, 502, 503, 504, 505 and two electives).

Prerequisite(s): AJ 500 and AJ 501 and AJ 502 and AJ 503 and AJ 504 and AJ 505

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 701 Capstone Seminar (3 Credits)

AJ 701 Capstone Seminar (3) This course is required for students selecting the non-thesis option. It will examine contemporary issues and practices in administration of justice. The course will culminate with a capstone project that focuses on a specific aspect of administration of justice. (Prerequisites: AJ 500, 501, 502, 503, 504, 505 and 2 electives.)

Prerequisite(s): AJ 500 and AJ 501 and AJ 502 and AJ 503 and AJ 504 and AJ 505

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 702 Internship (3 Credits)

AJ 702 Internship (3) Internship provides an opportunity for students to gain experience in justice agency.

Prerequisite(s): AJ 500 and AJ 501 and AJ 502 and AJ 503 and AJ 504 and AJ 505

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 788 Thesis I (3,6 Credits)

Thesis (3 or 6) Enrollment is required when the thesis is being completed. Only 6 credits may be applied to the Master's degree. Students will prepare their thesis under the direction of a thesis advisor and committee. (Prerequisites: Completion of AJ 500, 501, 502, 503, 504, 505, and 2 electives. Permission of the GPD.)

Prerequisite(s): AJ 500 and AJ 501 and AJ 502 and AJ 503 and AJ 504 and AJ 505

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 789 Thesis II (3,6 Credits)

Thesis (3 or 6) Enrollment is required when the thesis is being completed. Only 6 credits may be applied to the Master's degree. Students will prepare their thesis under the direction of a thesis advisor and committee. (Prerequisites: Completion of AJ 500, 501, 502, 503, 504, 505, and 2 electives. Permission of the GPD.)

Prerequisite(s): AJ 500 and AJ 501 and AJ 502 and AJ 503 and AJ 504 and AJ 505

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 900 Adv Sem In AJ Orgn & Processes (3 Credits)

Advanced Seminar in the Administration of Justice Organizations and Processes (3) This is an advanced course designed to examine administration of justice agencies and processes in a historical and contemporary context. It includes an indepth analysis of contemporary issues and challenges in justice organizations.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 901 ADV Sem in AJ/Crim Justic (3 Credits)

Advanced Seminar in Administration of Justice/Criminology/Criminal Justice Theory (3) This course examines criminological, criminal justice and administration of justice theories. It includes an analysis of the interrelatedness of justice theories and recent theoretical developments.

Prerequisite(s): AJ 900

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 902 Adv Sem in AJ Research Method (3 Credits)

Advanced Seminar in Administration of Justice Research Methods (3) This course examines the theory and concepts of research design and measurement. It includes in-depth analyses of operationalization of theoretical concepts, causality, validity, and principles and challenges to research methods in administration of justice. (Prerequisite: AJ 900)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 903 Sem in Advanced Quant Method I (3 Credits)

Seminar in Advanced Quantitative Methods I (3) This course examines advanced quantitative methods of data analysis. It includes the theoretical foundation for regression analyses and examines linear regression, multiple regression, and logistic regression. Special attention is devoted to recent quantitative studies in administration of justice utilizing advanced regression statistical techniques. (Prerequisite: AJ 900 and 902)

Prerequisite(s): AJ 902

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 904 Adv Sem in Race Class Gender (3 Credits)

Advanced Seminar in Race, Class, Gender, Crime and the Administration of Justice (3) This seminar surveys the role of race, class, and gender in the administration of justice. It provides an in-depth analysis of historical and contemporary research on race, class, gender, and crime. Special emphasis is placed upon social, economic, and political factors that impact crime and the administration of justice policy and planning.

(Prerequisite: AJ 900, AJ 901)

Prerequisite(s): AJ 900

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 905 Sem in Adm Crime Mapping & AJ (3 Credits)

Seminar in Advanced Crime Mapping and Administration of Justice (3) This course examines the history and contemporary strategies and applications of crime mapping in justice agencies including mapping crime locations and density of crime, victims and offenders. (Prerequisite: AJ 902, 903)

Prerequisite(s): AJ 903

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 907 Adv Sem in Contemporary Issues (3 Credits)

Advanced Seminar in Contemporary Issues in Homeland Security Administration (3) This advanced seminar examines emerging and contemporary issues in Homeland Security Administration including threat assessment, technological advancements, ethical issues, interagency cooperation, preventive security, and community involvement. (Prerequisites: AJ 900, 906)

Prerequisite(s): AJ 900 and AJ 906

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 908 Adv Sem in Priv Security Adm (3 Credits)

Advanced Seminar in Private Security Administration (3) This course will examine administration and management of private security agencies. It will include the history, theory, and current practice of private security. Special emphasis will be placed upon cooperation between public and private security agencies, technological developments, and other contemporary issues. (Prerequisite: AJ 900)

Prerequisite(s): AJ 900

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 909 Adv Seminar on Terrorism (3 Credits)

Advanced Seminar on Terrorism (3) This course gives an overview of terrorism and counter-terrorism issues in the administration of justice. The seminar examines terrorism legislation, domestic and international terrorist groups, responses to terrorism by state, local, and federal agencies, and recent terrorism policies and research. (Prerequisites: AJ 900, 906)

Prerequisite(s): AJ 900 and AJ 906

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 910 Adv Sem in AJ Policy Eval & PI (3 Credits)

Advanced Seminar in Administration of Justice Policy, Evaluation and Planning (3) This course includes an examination of policy and planning in administration of justice agencies. It presents an in depth analysis of the history of the policy making process and internal and external dynamics of planning. Special attention is devoted to contemporary developments in law enforcement, corrections and judicial policy and planning. (Prerequisites: AJ 900, 901, 902, 903, 904)

Prerequisite(s): AJ 900 and AJ 901 and AJ 903 and AJ 904

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 911 Sem in Adv Topics Race Gender (3 Credits)

Seminar in Advanced Topics in Race, Gender, Class, Crime and Administration of Justice (3) This seminar provides in-depth analysis of critical issues in the study of race, class, gender and crime and administration of justice. Recent policies and research on selected contemporary topics including sentencing, traffic stop data collection, and homeland security profiling will be examined. The course also examines recent developments in disproportionate minority confinement, violence, and victimization research as well as other relevant issues. (Prerequisites: AJ 900, 901, 902)

Prerequisite(s): AJ 900 and AJ 901 and AJ 902

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 912 Sem in Qualitative Methods (3 Credits)

Seminar in Qualitative Methods in Administration of Justice (3) This course examines qualitative research and data analysis methods and their application in the administration of justice. (Prerequisites: AJ 900, 901, 902, 903)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 913 Sem in Adv Quant Methods II (3 Credits)

Seminar in Advanced Quantitative Methods II (Special Topics) (3) This course is designed to provide an indepth analysis of specific advanced topics in quantitative methods and their application to administration of justice. These topics include structural equation modeling, modeling longitudinal data, categorical data analysis, and meta analysis. (Prerequisite: AJ 900, 901, 902, 903)

Prerequisite(s): AJ 901 and AJ 903

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 914 Adv Sem in Law & Adm of Justic (3 Credits)

Advanced Seminar in Law and Administration of Justice (3) This course provides an indepth analysis of the role of law in the administration of justice. Special attention is devoted to recent and contemporary administrative law guiding justice agencies. It includes an examination of laws enacted to prevent and control terrorism and to foster homeland security. Issues in international law are also addressed. (Prerequisites: AJ 900, 901, 902, 910.)

Prerequisite(s): AJ 900 and AJ 901 and AJ 902 and AJ 910

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 915 Adv Sem in Apps of GIS in AJ (3 Credits)

Advanced Seminar in Applications of Geographic Information Systems in Administration of Justice (3) This seminar examines the history and theory of geographic information systems in the administration of justice. It includes an exploration of techniques of geographic information that includes collection, display, analysis and storage and applications. (Prerequisite: AJ 905, Permission of the GPD)

Prerequisite(s): AJ 905

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 916 Doctoral Sem in Spec Topics (3 Credits)

Doctoral Seminar in Special Topics (3) This advanced seminar focuses on selected topics and recent developments in the administration of justice. (Prerequisite: AJ 900, 901, 902, 903, 904), Permission of the GPD)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 917 Independent Study (3 Credits)

Independent Study (3) This is a faculty-supervised independent study of a current topic in the administration of justice. (Prerequisite: AJ 900, 901, 902, 903, Permission of the GPD)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 987 Research Colloquium (3 Credits)

Research Colloquium (3) This advanced seminar will present issues of concern for doctoral candidates. Specific attention will be devoted to grantsmanship, publishing, emerging research issues, teaching, and other aspects of career development. (Prerequisite: Admission to candidacy and successful defense of the dissertation proposal)

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 988 Dissertation (3-12 Credits)

Dissertation (12) Under the guidance of a dissertation advisor and committee students will complete a dissertation and orally defend it. The dissertation should add to the body of administration of justice knowledge. A total of twelve dissertation credits is required.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

AJ 989 Dissertation (3 Credits)

Dissertation (12) Under the guidance of a dissertation advisor and committee students will complete a dissertation and orally defend it. The dissertation should add to the body of administration of justice knowledge. A total of twelve dissertation credits is required.

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

Administration Of Justice (Non-Thesis Option), Master of Science Program Description

The purpose of the Master of Science in Administration of Justice (MSAJ) Program is to educate a cadre of justice academicians as change agents prepared to teach, conduct research and assume administrative and policy positions at all levels of government and in the private sector both nationally and globally. The MSAJ Program will prepare professionals to address traditional and emerging administrative and management issues in criminal justice agencies.

The program is designed to fill the current void in graduate studies in the administration of justice and attract African Americans and other

minorities that are underrepresented in graduate administration of justice education. The educational objectives of the MSAJ are:

1. To provide students with a foundation of knowledge that includes the history and theory of the administration of justice.
2. To provide students with knowledge of research methods in administration of justice.
3. To develop students' data analysis skills for administration of justice.
4. To develop students' awareness of race, class, and gender related issues in administration of justice.
5. To sensitize students to ethical issues in administration of justice.
6. To provide students with specialized knowledge about justice agency administration.
7. To provide students with the knowledge necessary for advancement to doctoral studies.
8. To prepare students for teaching at the college level.

Admission Criteria

Students with an interest in pursuing a Master of Science degree in Administration of Justice must meet the admission requirements of the TSU Graduate School. An application for admission to the Graduate School must be completed and is processed through the TSU Graduate School. Completed applications are referred to the School of Public Affairs for an acceptance decision by the Graduate Admissions Committee in the MSAJ program. Decisions of the MSAJ Graduate Admissions Committee are referred to the Dean of the Graduate School.

Students must also submit the following to the Graduate School:

1. An application
2. A typed 250-300 word statement of their interest in administration of justice, their goals and objectives.
3. Three letters of recommendation.
4. Two copies of official transcripts from undergraduate and graduate institutions attended.
5. Evidence of proficiency in the use of the English language.

Students must have successfully completed an undergraduate course in criminology/criminal justice theory, a course in research methods and a statistics course prior to admission. Students without these courses can be admitted conditionally and are required to complete any prerequisite courses in the School of Public Affairs with at least a grade of "B." Undergraduate preparation in either administration of justice, criminal justice, criminology, public affairs, or the social sciences is preferred but not required.

The Master of Science in Administration of Justice has the following requirements:

1. All students must complete thirty-six (36) credit hours. Students can choose either a thesis or non-thesis option.
2. All students are required to complete six (6) core courses.
3. Students that choose the thesis option also will complete four (4) elective courses, six (6) thesis credits, and a thesis.
4. Students that choose the non-thesis option also will complete four (4) elective courses, a capstone seminar in the administration of justice, and an internship that involves research and data analysis.
5. All students must prepare a degree plan after the completion of twelve (12) graduate credits. The degree plan is developed by the student and approved by the advisor. The degree plan must be

submitted to the Graduate School during the second semester of the first year of graduate studies.

6. Students must successfully complete all courses with acceptable grades.
7. Students must fulfill the general requirements for graduation as outlined by the Graduate School catalogue.

Summary

Code	Title	Hours
	Core Curriculum (p. 572)	18
	Specialization (p. 572)	12
	Non-Thesis Option (p. 572)	6
Total Hours		36

Core Courses (Standard)

Code	Title	Hours
AJ 500	Sem in Admin of Justice	3
AJ 501	Seminar in ADM of JUS Theory	3
AJ 502	Seminar in Research Methods	3
AJ 503	Seminar in Quantitative Meth I	3
AJ 504	Sem RaceClassGenderCrime in AJ	3
AJ 505	Seminar on Ethics in AJ	3
Total Hours		18

Specialization

Code	Title	Hours
Select four of the following:		12
AJ 607	Police Administration	
AJ 608	Crime Lab Administration	
AJ 609	Issues In Corrections Administ	
AJ 610	Issues in Judicial Adm	
AJ 611	Issues in Juvenile Justice Adm	
AJ 612	ADM Law for Justice Agencies	
AJ 613	Eval Research for Jus Agencies	
AJ 614	Issues in Terrorism and AJ	
AJ 615	Seminar on Special Topic In AJ	
AJ 616	Environmental Crime & AJ	
AJ 617	Independent Study	
AJ 701	Capstone Seminar	
AJ 702	Internship	
Total Hours		12

Nonthesis Option

Code	Title	Hours
AJ 701	Capstone Seminar	3
AJ 702	Internship	3
Total Hours		6

Administration of Justice (Thesis Option), Master of Science

Program Description

The purpose of the Master of Science in Administration of Justice (MSAJ) Program is to educate a cadre of justice academicians as change agents prepared to teach, conduct research and assume administrative and policy positions at all levels of government and in the private sector both nationally and globally. The MSAJ Program will prepare professionals to address traditional and emerging administrative and management issues in criminal justice agencies.

The program is designed to fill the current void in graduate studies in the administration of justice and attract African Americans and other minorities that are underrepresented in graduate administration of justice education. The educational objectives of the MSAJ are:

1. To provide students with a foundation of knowledge that includes the history and theory of the administration of justice.
2. To provide students with knowledge of research methods in administration of justice.
3. To develop students' data analysis skills for administration of justice.
4. To develop students' awareness of race, class, and gender related issues in administration of justice.
5. To sensitize students to ethical issues in administration of justice.
6. To provide students with specialized knowledge about justice agency administration.
7. To provide students with the knowledge necessary for advancement to doctoral studies.
8. To prepare students for teaching at the college level.

Admission Criteria

Students with an interest in pursuing a Master of Science degree in Administration of Justice must meet the admission requirements of the TSU Graduate School. An application for admission to the Graduate School must be completed and is processed through the TSU Graduate School. Completed applications are referred to the School of Public Affairs for an acceptance decision by the Graduate Admissions Committee in the MSAJ program. Decisions of the MSAJ Graduate Admissions Committee are referred to the Dean of the Graduate School.

Students must also submit the following to the Graduate School:

1. An application
2. A typed 250-300 word statement of their interest in administration of justice, their goals and objectives.
3. Three letters of recommendation.
4. Two copies of official transcripts from undergraduate and graduate institutions attended.
5. Evidence of proficiency in the use of the English language.

Students must have successfully completed an undergraduate course in criminology/criminal justice theory, a course in research methods and a statistics course prior to admission. Students without these courses can be admitted conditionally and are required to complete any prerequisite courses in the School of Public Affairs with at least a grade of "B." Undergraduate preparation in either administration of justice, criminal

justice, criminology, public affairs, or the social sciences is preferred but not required.

The Master of Science in Administration of Justice has the following requirements:

1. All students must complete thirty-six (36) credit hours. Students can choose either a thesis or non-thesis option.
2. All students are required to complete six (6) core courses.
3. Students that choose the thesis option also will complete four (4) elective courses, six (6) thesis credits, and a thesis.
4. Students that choose the non-thesis option also will complete four (4) elective courses, a capstone seminar in the administration of justice, and an internship that involves research and data analysis.
5. All students must prepare a degree plan after the completion of twelve (12) graduate credits. The degree plan is developed by the student and approved by the advisor. The degree plan must be submitted to the Graduate School during the second semester of the first year of graduate studies.
6. Students must successfully complete all courses with acceptable grades.
7. Students must fulfill the general requirements for graduation as outlined by the Graduate School catalogue.

Summary

Code	Title	Hours
	Core Curriculum (p. 573)	18
	Specialization (p. 573)	12
	Thesis Option (p. 574)	6
Total Hours		36

Core Courses (Standard)

Code	Title	Hours
AJ 500	Sem in Admin of Justice	3
AJ 501	Seminar in ADM of JUS Theory	3
AJ 502	Seminar in Research Methods	3
AJ 503	Seminar in Quantitative Meth I	3
AJ 504	Sem RaceClassGenderCrime in AJ	3
AJ 505	Seminar on Ethics in AJ	3
Total Hours		18

Specialization

Code	Title	Hours
Select four of the following:		12
AJ 607	Police Administration	
AJ 608	Crime Lab Administration	
AJ 609	Issues In Corrections Administ	
AJ 610	Issues in Judicial Adm	
AJ 611	Issues in Juvenile Justice Adm	
AJ 612	ADM Law for Justice Agencies	
AJ 613	Eval Research for Jus Agencies	
AJ 614	Issues in Terrorism and AJ	
AJ 615	Seminar on Special Topic In AJ	
AJ 616	Environmental Crime & AJ	
AJ 617	Independent Study	

AJ 701	Capstone Seminar	
AJ 702	Internship	
Total Hours		12

Thesis Option

Code	Title	Hours
AJ 788	Thesis I	3
AJ 789	Thesis II	3
Total Hours		6

Administration of Justice, Doctor of Philosophy

Program Description

The purpose of the Doctor of Philosophy in Administration of Justice (PhD AJ) is to prepare individuals for:

1. leadership and managerial positions in justice agencies;
2. faculty positions in higher education that require advanced knowledge of theory, administration, research, and data analysis; and
3. research positions in private and public research institutions specializing in the administration of justice issues, policy, and data analysis.

The Doctor of Philosophy in Administration of Justice will educate future leaders needed to assume administrative and policy positions at all levels of government and in the private sector in the State of Texas, nationally and globally.

The educational objectives of the program are:

1. To provide students with a comprehensive understanding of the body of knowledge in administration of justice, criminal justice and criminology.
2. To provide students with a comprehensive understanding of the theoretical foundation of administration of justice, criminal justice and criminology.
3. To provide students with a comprehensive understanding of research and data analysis and their specific application to administration of justice.
4. To provide students with a comprehensive understanding of the role of race, class, and gender in the administration of justice.
5. To prepare students to assume teaching positions at the university level.
6. To prepare students to assume research positions at the university level.
7. To prepare students for research positions in government and in the private sector.

Admission Criteria

Students desiring to pursue a doctoral degree in the administration of justice should be capable of advanced academic work in theory, research and data analysis. Students applying for admission to the doctoral program must meet the admission standards of the TSU Graduate School. Applicants must hold the bachelor's degree in an appropriate field, have a cumulative grade point average of at least 2.75 overall and 3.0 in the last sixty hours of undergraduate studies.

Applicants should have a master's degree or its equivalent in a degree program from an accredited institution of higher education with a grade point average of at least 3.2 in previous graduate work. Each graduate student who is admitted must present Graduate Record Examination (GRE) verbal, quantitative, and analytical writing section scores. The analytical writing score must be 3.5 or above. If the student is accepted and does not meet the minimum requirement, he or she must enroll in English 501. International applicants whose first language is not English and who have not completed a degree in the United States are required to take and pass the TOEFL with an internet based score of 74, a computer-based score of 213, or paper-based score of 550.

An application for admission to the doctoral program is submitted at Apply Yourself Online and is processed through the TSU Graduate School. Completed applications are referred to the School of Public Affairs for an acceptance decision by the Graduate Admissions Committee in the PhD AJ program. Decisions of the Graduate Admissions Committee are referred to the Dean of the Graduate School and entered into the Apply Yourself system.

Students must also submit the following to the Graduate School:

1. A complete application form and a non-refundable application fee of \$50 for citizens and permanent residents of the U.S. and \$75 for international applicants.
2. A typed 400-500 word statement of academic and professional goals.
3. Example of academic writing
4. A current vitae.
5. At least three letters of recommendation from persons qualified to give an evaluation of the applicant's past scholastic performance, research, ability for advanced work in administration of justice, and personal motivation.
6. Two official transcripts of credits earned at each college and/or university attended by the applicant.
7. Scores from the Graduate Record Examination.
8. Evidence of proficiency in the use of the English language.

The Graduate Admissions Committee (GAC) comprised of graduate faculty will make decisions on admission. During the admission process the GAC will evaluate graduate transcripts of applicants with master's degrees to determine whether or not additional courses are needed at the master's degree level. No more than twelve (12) credits from previous doctoral work will be applied towards the Ph.D. program. Completion of the doctoral degree is guided by the academic policies, procedures, and requirements of the Texas Southern University (TSU) Graduate School. The current TSU Graduate Student Catalog/Bulletin is available online via the University web-site.

Requirements include completion of a total of fifty-four (54) credit hours, passing comprehensive examinations, admission to doctoral candidacy, completion of a residency requirement, preparation and acceptance of a dissertation proposal, completion of the dissertation and an oral defense. These requirements are described below.

Courses

The doctoral degree will require the completion of 54 semester hours (See Curriculum Summary below). All students will complete six (6) required core courses and eight (8) elective courses. Students have the option of completing four (4) elective courses in a specific area of administration of justice. Students may also select electives from

approved courses offered at the doctoral level by other departments. The elective courses will be selected based upon student interests in consultation with their advisor. Twelve (12) dissertation credits are required. Students may also select a cognate area of specialization outside of the program with permission of their advisor and the GPD. Students are required to complete all courses with at least a grade of "B." A grade of "B-" or lower is defined as deficient and must be remediated by repeating the course no more than one time to attain the required level of competency. A student who earns more than two deficient grades will be dismissed from the program. This doctoral requirement of "B" or better course grades supersedes the Graduate School standard that may accept lower grades under certain circumstances. Any student who earns a grade of D or F will also be automatically dismissed from the program.

Upon completion of all required course work except AJ 987 Research Colloquium and dissertation hours, students must sit and pass the doctoral comprehensive examination. Students must successfully pass the comprehensive examination before they are admitted to candidacy and allowed to begin work on the dissertation.

Comprehensive Examinations

Doctoral students must successfully complete comprehensive examinations in three areas:

1. Theory and Race, Class, Gender, Crime and the Administration of Justice;
2. Research and Quantitative Methods; and
3. Special Topics.

Students who fail to pass a comprehensive examination or section thereof may retake it only once. Failure to pass two comprehensive examinations will result in dismissal from the doctoral program.

Admission to Candidacy

Students must satisfy all of the requirements listed below in order to be admitted to doctoral candidacy:

1. Unconditional admittance to the Doctor of Philosophy in Administration of Justice program.
2. Satisfactory completion of 42 semester hours of doctoral level course work.
3. Successful completion of the doctoral comprehensive examinations.
4. Satisfactory completion of the residency requirement.

Dissertation

After admission to candidacy the doctoral student will consult with his or her academic advisor to select a dissertation committee. Dissertation committees should consist of a chairperson and three graduate faculty members. The dissertation committee must be approved by the Graduate School. The Graduate School dean will then appoint a graduate school representative to the dissertation committee. Once approval is granted, the student can prepare the dissertation proposal.

The dissertation proposal must be a written document, presented orally, and approved by the dissertation committee. The dissertation must contribute to the administration of justice body of knowledge and be successfully defended orally.

Summary

Code	Title	Hours
	Core Curriculum (p. 575)	18
	Electives (p. 575)	24
	Dissertation (p. 575)	12
Total Hours		54

Core Curriculum

Code	Title	Hours
AJ 900	Adv Sem In AJ Orgn & Processes	3
AJ 901	ADV Sem in AJ/Crim Justic	3
AJ 902	Adv Sem in AJ Research Method	3
AJ 903	Sem in Advanced Quant Method I	3
AJ 904	Adv Sem in Race Class Gender	3
AJ 987	Research Colloquium	3
Total Hours		18

Electives

Code	Title	Hours
Select twenty-four (24) credit hours from the following:		24
AJ 905	Sem in Adm Crime Mapping & AJ	
"AJ 906	Advanced Seminar in Homeland Security Admin. and Mgt."	
AJ 907	Adv Sem in Contemporary Issues	
AJ 908	Adv Sem in Priv Security Adm	
AJ 909	Adv Seminar on Terrorism	
AJ 910	Adv Sem in AJ Policy Eval & PI	
AJ 911	Sem in Adv Topics Race Gender	
AJ 912	Sem in Qualitative Methods	
AJ 913	Sem in Adv Quant Methods II	
AJ 914	Adv Sem in Law & Adm of Justic	
AJ 915	Adv Sem in Apps of GIS in AJ	
AJ 916	Doctoral Sem in Spec Topics	
AJ 917	Independent Study	
Total Hours		24

Prerequisites/Leveling Courses twelve (12)

If needed, leveling courses may include the completion of up to 12 hours in master's level courses with a grade of "B" or better. Each leveling course only can be taken once.

Dissertation

Code	Title	Hours
AJ 988	Dissertation	6
"AJ 989	Dissertation"	6
Total Hours		12

Executive Master of Administration of Justice (Non-Thesis Option), eMAJ

Program Description

The purpose of the Executive Master of Administration of Justice (eMAJ) Program is to provide an online asynchronous program to professionals with at least five (5) years of experience in a justice agency. It provides access to individuals whose options for graduate studies are limited by geographical distance from Texas Southern University or by the timing of eMAJ course offerings. The educational objectives of the eMAJ Program are:

1. Provide students with a foundation of knowledge that includes the history and theory of administration of justice.
2. Provide students with knowledge of research methods and data analysis in administration of justice.
3. To develop students' awareness of race, class, and gender related issues in administration of justice.
4. Sensitize students to ethical issues in administration of justice.
5. Provide students with specialized knowledge about justice agency administration.
6. Prepare students for management positions in justice and law enforcement agencies.

Admission Criteria

Students with an interest in pursuing a Master of Science degree in Administration of Justice must meet the admission requirements of the TSU Graduate School. An application for admission to the Graduate School is submitted at Apply Yourself Online must be completed and is processed through the TSU Graduate School. Completed applications are referred to the School of Public Affairs for an acceptance decision by the Graduate Admissions Committee in the eMAJ program. Decisions of the eMAJ Graduate Admissions Committee are referred to the Dean of the Graduate School and entered into the Apply Yourself system). Students must also submit the following to the Graduate School:

1. An Application
2. A typed 250-300 word statement of their interest in administration of justice, their goals and objectives.
3. A recent resume.
4. Three letters of recommendation.
5. Two copies of official transcripts from undergraduate and graduate institutions attended.
6. Evidence of proficiency in the use of the English language.

Undergraduate preparation in either administration of justice, criminal justice, criminology, public affairs, or the social sciences is preferred but not required.

The Executive Master of Administration of Justice has the following requirements:

1. All students must complete thirty-six (36) semester credit hours. Students can choose a thesis or non-thesis option.
2. Students must complete Eighteen (18) semester hours of core courses.
3. Students that choose the thesis option will complete four (4) electives, six (6) semester hours of thesis credits, and a thesis.

4. Students that choose the non-thesis option must complete eighteen (18) semester hours of elective courses that includes AJ 617 Independent Study and AJ 701 Capstone Seminar.

Summary

Code	Title	Hours
	Core Curriculum (p. 576)	18
	Specialization (p. 576)	12
	Non Thesis Option (p. 576)	6
Total Hours		36

Core Curriculum

Code	Title	Hours
AJ 500	Sem in Admin of Justice	3
AJ 501	Seminar in ADM of JUS Theory	3
AJ 502	Seminar in Research Methods	3
AJ 503	Seminar in Quantitative Meth I	3
AJ 504	Sem RaceClassGenderCrime in AJ	3
AJ 505	Seminar on Ethics in AJ	3
Total Hours		18

Specialization

Code	Title	Hours
Select four of the following:		12
AJ 607	Police Administration	
AJ 608	Crime Lab Administration	
AJ 609	Issues In Corrections Administ	
AJ 610	Issues in Judicial Adm	
AJ 611	Issues in Juvenile Justice Adm	
AJ 612	ADM Law for Justice Agencies	
AJ 613	Eval Research for Jus Agencies	
AJ 614	Issues in Terrorism and AJ	
AJ 615	Seminar on Special Topic In AJ	
AJ 616	Environmental Crime & AJ	
AJ 617	Independent Study	
Total Hours		12

Non-thesis Option

Code	Title	Hours
AJ 617	Independent Study	3
AJ 701	Capstone Seminar	3
Total Hours		6

Degree Requirements

The eMAJ is a 36 credit degree program with both a thesis and non-thesis option. All students are required to complete six core courses and four elective courses (see Appendix A for course descriptions). Required core courses for the thesis and non-thesis options, and elective courses are presented below. The current TSU Graduate Student Catalog/Bulletin is available online via the University web-site.

Students are required to complete all degree courses with a grade of "B" or better. A grade of "B-" or lower is defined as deficient and must

be remediated by repeating the course no more than one time to attain the required level of competency. A student who earns more than two deficient grades will be dismissed from the program. This requirement of "B" or better course grades supersedes the Graduate School standard that may accept lower grades under certain circumstances. Any student who earns a grade of D or F will be automatically dismissed from the program

Grades

In order to be declared in good academic standing, a student must:

1. maintain at least a 3.00 (B) grade point average (GPA) in all courses taken in the eMAJ graduate program, and
2. maintain an overall GPA of 3.00 for all graduate courses taken at TSU. Grades of B- and below are not acceptable.

This requirement supersedes the TSU Graduate School requirement.

Students who fail to maintain a 3.0 GPA will be placed on *Academic Probation*. The student on probation who achieves a grade point average of 3.0 or better during the next semester or summer session of enrollment but fails to achieve an overall grade point average of 3.00 (B) will remain on probation. If a student on probation fails to raise his/her overall grade point average to 3.00 (B) or better, exclusive of incomplete grades for two consecutive semesters or summer sessions of enrollment in courses other than a thesis/dissertation writing course, he/ she will be placed on *Academic Suspension* through the next semester (in this case, excluding summer terms). A student who fails to achieve a 3.00 overall GPA in the next semester of enrollment following academic suspension will be disqualified as a degree-seeking student and will be dismissed from the eMAJ program. This requirement supersedes the TSU Graduate School requirement.

Executive Master of Administration of Justice (Thesis Option), eMAJ

Program Description

The purpose of the Executive Master of Administration of Justice (eMAJ) Program is to provide an online asynchronous program to professionals with at least five (5) years of experience in a justice agency. It provides access to individuals whose options for graduate studies are limited by geographical distance from Texas Southern University or by the timing of eMAJ course offerings. The educational objectives of the eMAJ Program are:

1. Provide students with a foundation of knowledge that includes the history and theory of administration of justice.
2. Provide students with knowledge of research methods and data analysis in administration of justice.
3. To develop students' awareness of race, class, and gender related issues in administration of justice.
4. Sensitize students to ethical issues in administration of justice.
5. Provide students with specialized knowledge about justice agency administration.
6. Prepare students for management positions in justice and law enforcement agencies.

Admission Criteria

Students with an interest in pursuing a Master of Science degree in Administration of Justice must meet the admission requirements of

the TSU Graduate School. An application for admission to the Graduate School is submitted at Apply Yourself Online must be completed and is processed through the TSU Graduate School. Completed applications are referred to the School of Public Affairs for an acceptance decision by the Graduate Admissions Committee in the eMAJ program. Decisions of the eMAJ Graduate Admissions Committee are referred to the Dean of the Graduate School and entered into the Apply Yourself system). Students must also submit the following to the Graduate School:

1. An Application
2. A typed 250-300 word statement of their interest in administration of justice, their goals and objectives.
3. A recent resume.
4. Three letters of recommendation.
5. Two copies of official transcripts from undergraduate and graduate institutions attended.
6. Evidence of proficiency in the use of the English language.

Undergraduate preparation in either administration of justice, criminal justice, criminology, public affairs, or the social sciences is preferred but not required.

The Executive Master of Administration of Justice has the following requirements:

1. All students must complete thirty-six (36) semester credit hours. Students can choose a thesis or non-thesis option.
2. Students must complete Eighteen (18) semester hours of core courses.
3. Students that choose the thesis option will complete four (4) electives, six (6) semester hours of thesis credits, and a thesis.
4. Students that choose the non-thesis option must complete eighteen (18) semester hours of elective courses that includes AJ 617 Independent Study and AJ 701 Capstone Seminar.

Summary

Code	Title	Hours
	Core Curriculum (p. 577)	18
	Specialization (p. 577)	12
	Thesis Option (p. 578)	6
Total Hours		36

Core Curriculum

Code	Title	Hours
AJ 500	Sem in Admin of Justice	3
AJ 501	Seminar in ADM of JUS Theory	3
AJ 502	Seminar in Research Methods	3
AJ 503	Seminar in Quantitative Meth I	3
AJ 504	Sem RaceClassGenderCrime in AJ	3
AJ 505	Seminar on Ethics in AJ	3
Total Hours		18

Specialization

Code	Title	Hours
Select four of the following:		12
AJ 607	Police Administration	
AJ 608	Crime Lab Administration	

AJ 609	Issues In Corrections Administ
AJ 610	Issues in Judicial Adm
AJ 611	Issues in Juvenile Justice Adm
AJ 612	ADM Law for Justice Agencies
AJ 613	Eval Research for Jus Agencies
AJ 614	Issues in Terrorism and AJ
AJ 615	Seminar on Special Topic In AJ
AJ 616	Environmental Crime & AJ
AJ 617	Independent Study
Total Hours	12

Thesis Option

Code	Title	Hours
AJ 788	Thesis I	3
AJ 789	Thesis II	3
Total Hours		6

Degree Requirements

The eMAJ is a 36 credit degree program with both a thesis and non-thesis option. All students are required to complete six core courses and four elective courses (see Appendix A for course descriptions). Required core courses for the thesis and non-thesis options, and elective courses are presented below. The current TSU Graduate Student Catalog/Bulletin is available online via the University web-site.

Students are required to complete all degree courses with a grade of "B" or better. A grade of "B-" or lower is defined as deficient and must be remediated by repeating the course no more than one time to attain the required level of competency. A student who earns more than two deficient grades will be dismissed from the program. This requirement of "B" or better course grades supersedes the Graduate School standard that may accept lower grades under certain circumstances. Any student who earns a grade of D or F will be automatically dismissed from the program

Grades

In order to be declared in good academic standing, a student must:

- maintain at least a 3.00 (B) grade point average (GPA) in all courses taken in the eMAJ graduate program, and
- maintain an overall GPA of 3.00 for all graduate courses taken at TSU. Grades of B- and below are not acceptable.

This requirement supersedes the TSU Graduate School requirement.

Students who fail to maintain a 3.0 GPA will be placed on *Academic Probation*. The student on probation who achieves a grade point average of 3.0 or better during the next semester or summer session of enrollment but fails to achieve an overall grade point average of 3.00 (B) will remain on probation. If a student on probation fails to raise his/her overall grade point average to 3.00 (B) or better, exclusive of incomplete grades for two consecutive semesters or summer sessions of enrollment in courses other than a thesis/dissertation writing course, he/ she will be placed on *Academic Suspension* through the next semester (in this case, excluding summer terms). A student who fails to achieve a 3.00 overall GPA in the next semester of enrollment following academic suspension will be disqualified as a degree-seeking student and will be dismissed

from the eMAJ program. This requirement supersedes the TSU Graduate School requirement.

Department of Public Affairs

- Executive Master of Public Administration (p. 580)
- Master of Public Administration (Human Resources Specialization) (p. 581)
- Master of Public Administration (International Development Specialization) (p. 582)
- Master of Public Administration (Public Policy Specialization) (p. 583)
- Master of Public Administration (Urban Planning and Environmental Policy Specialization) (p. 585)
- Master of Public Administration/Juris Doctor Dual Degree (p. 586)
- Public Affairs, Bachelor of Science and Master of Public Administration 4+1 Dual Degree (p. 587)
- Public Affairs, Bachelr of Arts and Executive Master Public Administration, eMPA 4+1 Dual Degree (p. 588)

PAD 500 Theory & Practice (3 Credits)

General survey of the field of public sector management and administration. Addresses administrative theory, policy, decisionmaking, and the concepts and practices of organizational management.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 501 Leadership & Decision Making (3 Credits)

The techniques of decision analysis and methodology for making decisions. Focus on risk and uncertainty in the choice among policy alternatives.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 502 Research Meth In Pub Adm (3 Credits)

Concepts and methods employed in administrative research and analysis with emphasis on methodological assumptions; problems and issues in research design.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 503 Quantitative Methods I (3 Credits)

Modeling course introducing classical deterministic optimization models. Topics include linear programming, probabilistic, and statistical models.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 504 Quantitative Methods II (3 Credits)

An applied course in regression analysis, hypothesis testing, estimation, and time series analysis. Strong emphasis will be placed on forecasting techniques. Uses mini-taps, SAS, and SPSS. (Prerequisite PAD 503)

Prerequisite(s): (PAD 503)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 506 Program Evaluation (3 Credits)

Analysis of alternative designs for evaluating the performance of programs. Emphasis on designing an evaluation study through application principles and problems encountered in evaluation research. (Prerequisites PAD 502, 503)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 507 Organization Behavior & Theory (3 Credits)

An exploration of the various relationships between organization and management in both the public and private spheres. Utilization of live-case method.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 508 Administrative Regulations (3 Credits)

Administrative Regulations (3) hrs. Focus on the statutory, regulatory, and adjudicative functions of public agencies and the legal context. Reviews interpretation of administrative orders, rules, regulations, contracts and documents.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 509 Computer Appls in Public Admin (3 Credits)

Focuses on current practices for data gathering and analysis with the use of computers.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 620 The Policy Making Process (3 Credits)

An examination of the process by which policy is formulated and implemented, emphasis on relationships between the political process and policy outcomes in illustrative policy areas.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 621 Soc Res & Soc Policy (3 Credits)

Implications of social science research for social policy. Experimental and research designs useful for deciding which program features to examine systematically.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 622 Science, Tech & Pub Policy (3 Credits)

An examination of the impact of science and technology upon governmental policy in the United States.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 623 Pub Policy Anal Mthds (3 Credits)

Application of theories and techniques of policy analysis to current public problems. Focus on design and execution of policy research.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 624 Issues on Aging (3 Credits)

Addresses range of issues, including employment, health care, housing, income security, and social services. Also addresses social security and Medicare programs.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 630 Pub Fin Mgmt (3 Credits)

An introduction to capital budgeting, financial decision-making and valuation. Discussion of financing problems and sources associated with public projects.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 631 Gov Budgeting & Financial Mgmt (3 Credits)

The design and use of planning, budgeting, and other information systems in the control and evaluation of programs. Multi project valuation techniques will be emphasized.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 633 Man Fin Anal Methods (3 Credits)

Decision making models involving the major components of financial management. Emphasis is placed upon the application of analytical methods to portfolio management.

Prerequisite(s): (PAD 630)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 634 Gov Budgeting & Financial Mgmt (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 640 Pub Pers Admin Th & Pract (3 Credits)

Fundamentals in personnel employment and placement, staff and evaluation, wage and salary administration, employment benefits and services, and labor relations.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 641 Human Res & Org Pln (3 Credits)

Involves critical analysis related to personnel and organizational structure and function. Emphasizes research, planning, staffing and budget preparation.

Prerequisite(s): (PAD 640)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 642 Labor Rel Coll Barg (3 Credits)

The rise of labor unions in the public sector. Reviews the collective bargaining process and the legal framework of collective bargaining.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 643 Human & Employee Benefits (3 Credits)

Provides a comprehensive introduction to employee benefits in relations to Human Resources in government and compares public and private sector benefits.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 644 Special Topics in Human Res (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 650 Intergovernmental Relations (3 Credits)

Examines relationships and cooperative functions in federal, state, and local governmental units. Emphasis on the urban administrator's role in changing patterns of cooperation and coordination.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 651 Urban Admin Systems (3 Credits)

An overview of the position of cities in the American governmental system, highlighting relationships between administrative, political, social, and economic features of urban life.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 652 Human Services Admin (3 Credits)

A focus on the various approaches to planning, delivery and administration of human services through public, private, and nonprofit organizations.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 660 Com Pub Admin West Nations (3 Credits)

Theories of development, roles of international institutions in resource exchanges, foreign investment and trade, and development of modernization.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 661 Sel Topics in Comp Intern Dev (3 Credits)

Selected topics emphasizing issues with respect to comparing roles of international institutions.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 662 Comp Pub Admin Dev Nations (3 Credits)

Looks at the role of the administrative process of political development. An emphasis upon bureaucracy and political change in emerging nations.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 663 Sem on Dev Societies (3 Credits)

Analysis of traditional and transitional societies; theories and practices of developmental change; role bureaucracy in development, institutional buildings, public enterprises, technology assessment and transfer.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 700 Internship (6 Credits)

A supervised program in regularly scheduled work and independent research in a public or governmental agency under the direction of an agency supervisor, and internship coordinator. Students who have had three or more years of experience in the public sector, or who are currently in the public sector, may be permitted to substitute six (6) credit hours of course work for the internship requirement. (Prerequisite 24 credit hours)

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 701 Independent Study (3 Credits)

Independent study is a course conducted by graduate students under direct supervision of individual faculty members or the Program Director. Students' work is evaluated based on reports, papers, and exams. The independent study course provides an opportunity for students to "design your own course."

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 705 Topical Seminar (3 Credits)

Selected topics emphasizing contemporary issues in the public sector and public policy. Elective courses may be taken in business administration, urban planning and environmental policy, law, transportation management or any approved area related to public administration.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 708 Administrative Regulations (3 Credits)

Focus on the statutory, regulatory, and adjudicative functions of public agencies and the legal context. Reviews interpretation of administrative orders, rules, regulations, contracts and documents.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

PAD 710 Capstone (3 Credits)

Practical experience and research (independent and group) that bridges academic and professional experience, to include presentations, field experience, and an applied policy or research project.

College/School: The School of Public Affairs

Department: Dept of Political Sci & Pub Af

Executive Master of Public Administration

Program Description

The Online Executive MPA Program (eMPA) is a curriculum uniquely designed to meet the growing demand for mid-career professionals in the public sector who wish to pursue an Executive MPA degree. The program is conveniently offered online and provides a focus on public policy. The Executive eMPA program combines the advanced skill concepts of an executive master of public administration program and prepares administrators to lead and manage organizations in the area of public service. Upon completion of the Executive eMPA program, graduates will:

1. Demonstrate a balance inventory of conceptual, quantitative and professional skills.
2. Demonstrate the ability to utilize information technology and systems for effective decision-making and communications.
3. Demonstrate the ability to utilize problem solving strategies and analytical competencies relevant to management positions.
4. Demonstrate a greater appreciation for workplace diversity, ethical issues facing the public sector today, and the challenges of the global institutions.

Teaching Methods

The program is delivered primarily online, with the possible exception of an orientation meeting once or twice a semester. The program is administered through the Blackboard Academic Suites and Course Compass e-learning software. These platforms include live chats, online lectures, virtual classrooms, and teleconferencing capabilities.

Program Structure

The basic requirements for the Executive eMPA degree are as follows: Online Executive eMPA students must complete 36 credit hours for the Online Executive Masters of Public Administration degree, usually over a 16-month period of full-time study. The eMPA degree is separate and distinct from the regular Master of Public Administration degree.

Admission Criteria

The eMPA program seeks highly motivated, high-achieving oriented students who have already demonstrated proof of working in the public sector. Prospective students must first apply for admission to The Graduate School. Applicants are then referred to the Barbara Jordan-Mickey Leland School of Public Affairs for acceptance.

Applicants for admission to graduate standing in the Executive Master of Public Administration program must submit:

1. Evidence of a baccalaureate degree from an accredited institution;
2. An official transcript of all undergraduate course work;
3. At least five (5) years of significant experience in the area of management or supervision;

4. A statement of purpose;
5. Two letters of recommendation; and
6. A current professional résumé.

Degree Requirements

The requirements for the Executive Master of Public Administration are summarized below:

1. Completion of thirty-six (36) credit hours. The courses are offered in a lock-step sequence called cohorts. All classes in the lock-step sequence must be successfully mastered by each eMPA student. **All eMPA courses are designated as "E" courses. (i.e. PAD 500 – E1).**
2. At the commencement of the eMPA program, each student will prepare a degree plan in consultation with his or her advisor.
3. Enrollment and satisfactory performance in course PAD 710 Capstone.
4. Fulfillment of general requirements for graduation as outlined by The Graduate School.

eMPA Course Requirements Curriculum Summary

Code	Title	Hours
PAD 500	Theory & Practice	3
PAD 501	Leadership & Decision Making	3
PAD 502	Research Meth In Pub Adm	3
PAD 503	Quantitative Methods I	3
PAD 507	Organization Behavior & Theory	3
PAD 620	The Policy Making Process	3
PAD 622	Science, Tech & Pub Policy	3
PAD 631	Gov Budgeting & Financial Mgmt	3
PAD 650	Intergovernmental Relations	3
PAD 660	Com Pub Admin West Nations	3
PAD 705	Topical Seminar	3
PAD 710	Capstone	3
Total Hours		36

Master of Public Administration (Human Resources Specialization)

Program Description

The MPA Program's mission is to educate students about public administration's history, competencies, and quantitative skills needed by public administrators to become skilled and productive public and nonprofit employees. To this end, the MPA Program uses its curriculum to prepare students to compete nationally and internationally for professional careers in the public sector or for graduate study where the nature of the profession requires the master's degree as the entry criterion.

The program is designed to prepare professionals to resolve the increasingly complex problems of managing urban growth. It is intended to respond to the increasing importance of planning and management as major instruments in improving and developing solutions to problems of cities and metropolitan regions. The Program seeks to give students a balance inventory of conceptual, quantitative and professional skills.

To this end, the Program's curricular philosophy is to:

1. Educate students on analytical approaches to decision-making in the managerial sciences.
2. Provide students with problem solving skills and analytical competencies that are relevant to management positions.
3. Emphasize knowledge of the workings of governmental and non-governmental organizations.
4. Develop the student's ability to make use of academic research.
5. Provide a foundation in computer and information technology.
6. Sharpen writing and oral communication skills.
7. Emphasize knowledge of basic management processes and techniques.

Admission Criteria

The Department seeks highly motivated, high-achieving oriented students who have a strong interest in pursuing a public service career. Prospective students must first apply for admission to the Graduate School. Applicants are then referred to the Barbara Jordan-Mickey Leland School of Public Affairs for acceptance.

In addition to meeting the general requirements for admission to the Graduate School applicants for admission to graduate standing in the MPA Program must submit:

1. The Texas Southern University Graduate School Application and a non-refundable application fee;
2. A typed essay, 250-300 words, which states career objectives and gives reasons for desiring admission to the program;
3. Three (3) letters of recommendation from individuals qualified to give an evaluation of the applicants past scholastic performance, research, ability for advanced work in public administration (if any), and person motivation;
4. Test scores from the GRE (minimum of at least a 3.5 score on the Analytical Writing Section);
5. Two (2) copies of official transcripts from each college and graduate institution attended. Applicant's undergraduate cumulative GPA must be at least 2.70 or 3.0 in the final 60 hours; and
6. Evidence of proficiency in the use of the English language (performance on the analytical writing section of the GRE may be considered as adequate by the Admissions Committee).

Degree Requirements

The requirements for the Master of Public Administration are summarized below:

1. Completion of forty-eight (48) credit hours. Of the 48 credit hours, twenty-four (24) credit hours are required core courses. In addition to the core requirements, students are required to take twelve (12) hours in specialization courses, internship for six (6) credit hours and the Capstone seminar course for three (3) credit hours. The remaining three (3) credit hours may be satisfied by electives.
2. At the completion of twelve (12) hours of graduate credits, each student will prepare a degree plan in consultation with his or her advisor. This plan of study should be drawn up and submitted for approval to the Graduate School no later than the second semester in residence.
3. Satisfactory performance in PAD 710 Capstone **Seminar** course. A student is eligible to take the course if the student has:

- a. Earned a 3.0 or above graduate GPA for each course or cumulative GPA in public administration courses and a cumulative GPA of 3.0;
 - b. Completed all core course requirements;
 - c. No outstanding incompletes; and
 - d. Filed a degree plan.
4. Fulfillment of general requirements for graduation as outlined by the Graduate School.

MPA Course Requirements Curriculum Summary

Code	Title	Hours
	Core Curriculum (p. 582)	24
	Human Resources (p. 582)	12
	Electives (p. 582)	3
	Other Courses (p. 582)	9
Total Hours		48

Core Curriculum

Code	Title	Hours
PAD 500	Theory & Practice	3
PAD 502	Research Meth In Pub Adm	3
PAD 503	Quantitative Methods I	3
PAD 504	Quantitative Methods II	3
PAD 507	Organization Behavior & Theory	3
PAD 509	Computer Appls in Public Admin	3
PAD 631	Gov Budgeting & Financial Mgmt	3
PAD 640	Pub Pers Admin Th & Pract	3
Total Hours		24

Human Resources

Code	Title	Hours
Select twelve (12) credits from the following:		12
PAD 641	Human Res & Org Pln	
PAD 642	Labor Rel Coll Barg	
PAD 643	Human & Employee Benefits	
PAD 705	Topical Seminar	
Choice of Elective		
Total Hours		12

Elective Courses

Code	Title	Hours
Select one of the following:		3
PAD 501	Leadership & Decision Making	
PAD 506	Program Evaluation	
PAD 630	Pub Fin Mgmt	
PAD 633	Man Fin Anal Methods	
PAD 650	Intergovernmental Relations	
PAD 651	Urban Admin Systems	
PAD 652	Human Services Admin	
PAD 701	Independent Study	

Code	Title	Hours
PAD 708	Administrative Regulations	3
Total Hours		3

Electives offered by other schools/colleges may be taken upon approval by faculty advisor and program coordinator.

Other Requirements

Code	Title	Hours
PAD 700	Internship	6
PAD 710	Capstone	3
Total Hours		9

Master of Public Administration (International Development Specialization)

Program Description

The MPA Program's mission is to educate students about public administration's history, competencies, and quantitative skills needed by public administrators to become skilled and productive public and nonprofit employees. To this end, the MPA Program uses its curriculum to prepare students to compete nationally and internationally for professional careers in the public sector or for graduate study where the nature of the profession requires the master's degree as the entry criterion.

The program is designed to prepare professionals to resolve the increasingly complex problems of managing urban growth. It is intended to respond to the increasing importance of planning and management as major instruments in improving and developing solutions to problems of cities and metropolitan regions. The Program seeks to give students a balance inventory of conceptual, quantitative and professional skills.

To this end, the Program's curricular philosophy is to:

1. Educate students on analytical approaches to decision-making in the managerial sciences.
2. Provide students with problem solving skills and analytical competencies that are relevant to management positions.
3. Emphasize knowledge of the workings of governmental and non-governmental organizations.
4. Develop the student's ability to make use of academic research.
5. Provide a foundation in computer and information technology.
6. Sharpen writing and oral communication skills.
7. Emphasize knowledge of basic management processes and techniques.

Admission Criteria

The Department seeks highly motivated, high-achieving oriented students who have a strong interest in pursuing a public service career. Prospective students must first apply for admission to the Graduate School. Applicants are then referred to the Barbara Jordan-Mickey Leland School of Public Affairs for acceptance.

In addition to meeting the general requirements for admission to the Graduate School applicants for admission to graduate standing in the MPA Program must submit:

1. The Texas Southern University Graduate School Application and a non-refundable application fee;
2. A typed essay, 250-300 words, which states career objectives and gives reasons for desiring admission to the program;
3. Three (3) letters of recommendation from individuals qualified to give an evaluation of the applicants past scholastic performance, research, ability for advanced work in public administration (if any), and person motivation;
4. Test scores from the GRE (minimum of at least a 3.5 score on the Analytical Writing Section);
5. Two (2) copies of official transcripts from each college and graduate institution attended. Applicant's undergraduate cumulative GPA must be at least 2.70 or 3.0 in the final 60 hours; and
6. Evidence of proficiency in the use of the English language (performance on the analytical writing section of the GRE may be considered as adequate by the Admissions Committee).

Degree Requirements

The requirements for the Master of Public Administration are summarized below:

1. Completion of forty-eight (48) credit hours. Of the 48 credit hours, twenty-four (24) credit hours are required core courses. In addition to the core requirements, students are required to take twelve (12) hours in specialization courses, internship for six (6) credit hours and the Capstone seminar course for three (3) credit hours. The remaining three (3) credit hours may be satisfied by electives.
2. At the completion of twelve (12) hours of graduate credits, each student will prepare a degree plan in consultation with his or her advisor. This plan of study should be drawn up and submitted for approval to the Graduate School no later than the second semester in residence.
3. Satisfactory performance in PAD 710 Capstone **Seminar** course. A student is eligible to take the course if the student has:
 - a. Earned a 3.0 or above graduate GPA for each course or cumulative GPA in public administration courses and a cumulative GPA of 3.0;
 - b. Completed all core course requirements;
 - c. No outstanding incompletes; and
 - d. Filed a degree plan.
4. Fulfillment of general requirements for graduation as outlined by the Graduate School.

MPA Course Requirements Curriculum Summary

Code	Title	Hours
	Core Curriculum (p. 583)	24
	International Development (p. 583)	12
	Electives (p. 583)	3
	Other Courses (p. 583)	9
Total Hours		48

Core Curriculum

Code	Title	Hours
PAD 500	Theory & Practice	3
PAD 502	Research Meth In Pub Adm	3

PAD 503	Quantitative Methods I	3
PAD 504	Quantitative Methods II	3
PAD 507	Organization Behavior & Theory	3
PAD 509	Computer Appls in Public Admin	3
PAD 631	Gov Budgeting & Financial Mgmt	3
PAD 640	Pub Pers Admin Th & Pract	3

Total Hours 24

International Development

Code	Title	Hours
PAD 660	Com Pub Admin West Nations	3
PAD 661	Sel Topics in Comp Intern Dev	3
PAD 662	Comp Pub Admin Dev Nations	3
PAD 663	Sem on Dev Societies	3

Total Hours 12

Elective Courses

Code	Title	Hours
Select one of the following:		3
PAD 501	Leadership & Decision Making	
PAD 506	Program Evaluation	
PAD 630	Pub Fin Mgmt	
PAD 633	Man Fin Anal Methods	
PAD 650	Intergovernmental Relations	
PAD 651	Urban Admin Systems	
PAD 652	Human Services Admin	
PAD 701	Independent Study	
PAD 708	Administrative Regulations	

Total Hours 3

Electives offered by other schools/colleges may be taken upon approval by faculty advisor and program coordinator.

Other Requirements

Code	Title	Hours
PAD 700	Internship	6
PAD 710	Capstone	3
Total Hours		9

Master of Public Administration (Public Policy Specialization)

Program Description

The MPA Program's mission is to educate students about public administration's history, competencies, and quantitative skills needed by public administrators to become skilled and productive public and nonprofit employees. To this end, the MPA Program uses its curriculum to prepare students to compete nationally and internationally for professional careers in the public sector or for graduate study where the nature of the profession requires the master's degree as the entry criterion.

The program is designed to prepare professionals to resolve the increasingly complex problems of managing urban growth. It is intended

to respond to the increasing importance of planning and management as major instruments in improving and developing solutions to problems of cities and metropolitan regions. The Program seeks to give students a balance inventory of conceptual, quantitative and professional skills.

To this end, the Program's curricular philosophy is to:

1. Educate students on analytical approaches to decision-making in the managerial sciences.
2. Provide students with problem solving skills and analytical competencies that are relevant to management positions.
3. Emphasize knowledge of the workings of governmental and non-governmental organizations.
4. Develop the student's ability to make use of academic research.
5. Provide a foundation in computer and information technology.
6. Sharpen writing and oral communication skills.
7. Emphasize knowledge of basic management processes and techniques.

Admission Criteria

The Department seeks highly motivated, high-achieving oriented students who have a strong interest in pursuing a public service career. Prospective students must first apply for admission to the Graduate School. Applicants are then referred to the Barbara Jordan-Mickey Leland School of Public Affairs for acceptance.

In addition to meeting the general requirements for admission to the Graduate School applicants for admission to graduate standing in the MPA Program must submit:

1. The Texas Southern University Graduate School Application and a non-refundable application fee;
2. A typed essay, 250-300 words, which states career objectives and gives reasons for desiring admission to the program;
3. Three (3) letters of recommendation from individuals qualified to give an evaluation of the applicants past scholastic performance, research, ability for advanced work in public administration (if any), and person motivation;
4. Test scores from the GRE (minimum of at least a 3.5 score on the Analytical Writing Section);
5. Two (2) copies of official transcripts from each college and graduate institution attended. Applicant's undergraduate cumulative GPA must be at least 2.70 or 3.0 in the final 60 hours; and
6. Evidence of proficiency in the use of the English language (performance on the analytical writing section of the GRE may be considered as adequate by the Admissions Committee).

Degree Requirements

The requirements for the Master of Public Administration are summarized below:

1. Completion of forty-eight (48) credit hours. Of the 48 credit hours, twenty-four (24) credit hours are required core courses. In addition to the core requirements, students are required to take twelve (12) hours in specialization courses, internship for six (6) credit hours and the Capstone seminar course for three (3) credit hours. The remaining three (3) credit hours may be satisfied by electives.
2. At the completion of twelve (12) hours of graduate credits, each student will prepare a degree plan in consultation with his or her advisor. This plan of study should be drawn up and submitted for

approval to the Graduate School no later than the second semester in residence.

3. Satisfactory performance in PAD 710 Capstone **Seminar** course. A student is eligible to take the course if the student has:
 - a. Earned a 3.0 or above graduate GPA for each course or cumulative GPA in public administration courses and a cumulative GPA of 3.0;
 - b. Completed all core course requirements;
 - c. No outstanding incompletes; and
 - d. Filed a degree plan.
4. Fulfillment of general requirements for graduation as outlined by the Graduate School.

MPA Course Requirements Curriculum Summary

Code	Title	Hours
Core Curriculum (p. 584)		24
Public Policy (p. 584)		12
Electives (p. 584)		3
Other Courses (p. 585)		9
Total Hours		48

Core Curriculum

Code	Title	Hours
PAD 500	Theory & Practice	3
PAD 502	Research Meth In Pub Adm	3
PAD 503	Quantitative Methods I	3
PAD 504	Quantitative Methods II	3
PAD 507	Organization Behavior & Theory	3
PAD 509	Computer Appls in Public Admin	3
PAD 631	Gov Budgeting & Financial Mgmt	3
PAD 640	Pub Pers Admin Th & Pract	3
Total Hours		24

MPA Specialization Courses

Choose one of the following specialization options below:

Public Policy

Code	Title	Hours
Select twelve (12) credit hours from the following:		12
PAD 620	The Policy Making Process	
PAD 621	Soc Res & Soc Policy	
PAD 622	Science, Tech & Pub Policy	
PAD 623	Pub Policy Anal Mthds	
PAD 624	Issues on Aging	
Total Hours		12

Elective Courses

Code	Title	Hours
Select one of the following:		3
PAD 501	Leadership & Decision Making	
PAD 506	Program Evaluation	
PAD 630	Pub Fin Mgmt	

PAD 633	Man Fin Anal Methods
PAD 650	Intergovernmental Relations
PAD 651	Urban Admin Systems
PAD 652	Human Services Admin
PAD 701	Independent Study
PAD 708	Administrative Regulations

Total Hours 3

Electives offered by other schools/colleges may be taken upon approval by faculty advisor and program coordinator.

Other Requirements

Code	Title	Hours
PAD 700	Internship	6
PAD 710	Capstone	3
Total Hours		9

Master of Public Administration (Urban Planning and Environmental Policy Specialization)

Program Description

The MPA Program's mission is to educate students about public administration's history, competencies, and quantitative skills needed by public administrators to become skilled and productive public and nonprofit employees. To this end, the MPA Program uses its curriculum to prepare students to compete nationally and internationally for professional careers in the public sector or for graduate study where the nature of the profession requires the master's degree as the entry criterion.

The program is designed to prepare professionals to resolve the increasingly complex problems of managing urban growth. It is intended to respond to the increasing importance of planning and management as major instruments in improving and developing solutions to problems of cities and metropolitan regions. The Program seeks to give students a balance inventory of conceptual, quantitative and professional skills.

To this end, the Program's curricular philosophy is to:

1. Educate students on analytical approaches to decision-making in the managerial sciences.
2. Provide students with problem solving skills and analytical competencies that are relevant to management positions.
3. Emphasize knowledge of the workings of governmental and non-governmental organizations.
4. Develop the student's ability to make use of academic research.
5. Provide a foundation in computer and information technology.
6. Sharpen writing and oral communication skills.
7. Emphasize knowledge of basic management processes and techniques.

Admission Criteria

The Department seeks highly motivated, high-achieving oriented students who have a strong interest in pursuing a public service career. Prospective students must first apply for admission to the Graduate

School. Applicants are then referred to the Barbara Jordan-Mickey Leland School of Public Affairs for acceptance.

In addition to meeting the general requirements for admission to the Graduate School applicants for admission to graduate standing in the MPA Program must submit:

1. The Texas Southern University Graduate School Application and a non-refundable application fee;
2. A typed essay, 250-300 words, which states career objectives and gives reasons for desiring admission to the program;
3. Three (3) letters of recommendation from individuals qualified to give an evaluation of the applicants past scholastic performance, research, ability for advanced work in public administration (if any), and person motivation;
4. Test scores from the GRE (minimum of at least a 3.5 score on the Analytical Writing Section);
5. Two (2) copies of official transcripts from each college and graduate institution attended. Applicant's undergraduate cumulative GPA must be at least 2.70 or 3.0 in the final 60 hours; and
6. Evidence of proficiency in the use of the English language (performance on the analytical writing section of the GRE may be considered as adequate by the Admissions Committee).

Degree Requirements

The requirements for the Master of Public Administration are summarized below:

1. Completion of forty-eight (48) credit hours. Of the 48 credit hours, twenty-four (24) credit hours are required core courses. In addition to the core requirements, students are required to take twelve (12) hours in specialization courses, internship for six (6) credit hours and the Capstone seminar course for three (3) credit hours. The remaining three (3) credit hours may be satisfied by electives.
2. At the completion of twelve (12) hours of graduate credits, each student will prepare a degree plan in consultation with his or her advisor. This plan of study should be drawn up and submitted for approval to the Graduate School no later than the second semester in residence.
3. Satisfactory performance in PAD 710 Capstone **Seminar** course. A student is eligible to take the course if the student has:
 - a. Earned a 3.0 or above graduate GPA for each course or cumulative GPA in public administration courses and a cumulative GPA of 3.0;
 - b. Completed all core course requirements;
 - c. No outstanding incompletes; and
 - d. Filed a degree plan.
4. Fulfillment of general requirements for graduation as outlined by the Graduate School.

MPA Course Requirements Curriculum Summary

Code	Title	Hours
	Core Curriculum (p. 586)	24
	Urban Planning and Environmental Policy (p. 586)	12
	Electives (p. 586)	3

Other Courses (p. 586)	9
Total Hours	48

Core Curriculum

Code	Title	Hours
PAD 500	Theory & Practice	3
PAD 502	Research Meth In Pub Adm	3
PAD 503	Quantitative Methods I	3
PAD 504	Quantitative Methods II	3
PAD 507	Organization Behavior & Theory	3
PAD 509	Computer Appls in Public Admin	3
PAD 631	Gov Budgeting & Financial Mgmt	3
PAD 640	Pub Pers Admin Th & Pract	3
Total Hours		24

Urban Planning and Environmental Policy

Code	Title	Hours
Select twelve (12) credits from the following:		12
UPEP 701	Planner's Guide to the History of City Growth and Development	
UPEP 703	Planning Theory & Practice	
UPEP 709	Principles of Planning Law	
UPEP 730	Introduction to GIS Urban Pln	
UPEP 731	Applications of GIS Urban Planning	
Total Hours		12

Elective Courses

Code	Title	Hours
Select one of the following:		3
PAD 501	Leadership & Decision Making	
PAD 506	Program Evaluation	
PAD 630	Pub Fin Mgmt	
PAD 633	Man Fin Anal Methods	
PAD 650	Intergovernmental Relations	
PAD 651	Urban Admin Systems	
PAD 652	Human Services Admin	
PAD 701	Independent Study	
PAD 708	Administrative Regulations	
Total Hours		3

Electives offered by other schools/colleges may be taken upon approval by faculty advisor and program coordinator.

Other Requirements

Code	Title	Hours
PAD 700	Internship	6
PAD 710	Capstone	3
Total Hours		9

Master of Public Administration/ Juris Doctor Dual Degree

MPA/JD Program

A combined degree program with Texas Southern University's Thurgood Marshall School of Law enables students to acquire both a JD and a MPA degree with a reduction in the total credit hours. The program allows students to complete requirements for the two degrees in four (4) years instead of five (5) years, if pursued separately. The program is intended for students who want to obtain mastery of the administrative and legal aspects of public administration in the public, private, and non-profit sectors; combining advanced public administration education with legal training in order to enhance or expand their career option.

The MPA/JD Dual Degree Program is open to holders of baccalaureate degrees from accredited colleges or universities. Applicants to the program must meet the entrance requirements and follow application procedures administered by the Texas Southern University Graduate School, the Barbara Jordan – Mickey Leland School of Public Affairs and the Thurgood Marshall School of Law.

Admission Procedures

- Dual Degree Program participants will have to satisfy the same admission requirements as applicants for the stand-alone Master of Public Administration (MPA) and Juris Doctor (JD) programs.
- Admission to the Dual Degree Program shall be open to all MPA and law students who are academically eligible under the TSU Graduate School, MPA Program and Thurgood Marshall School of Law Rules.
- MPA students wishing to enroll in the Dual Degree Program must petition the MPA Program Director. Such petition shall state why the student wishes to enroll in the program and include a proposed plan for completing all course work and other requirements within four (4) years. Students who have not submitted this petition will not be considered Dual Degree candidates.
- Although students may apply for either the MPA or JD program at any time during their course of study, **students must be admitted to both programs before completing either program.**
- Continuation in the Dual Degree Program shall be dependent upon the student's satisfactory academic progress in each of the dual fields. Incomplete work or other evidence of unsatisfactory academic progress may lead to a decision by the MPA Program Director to reduce the student's workload directed towards the law degree. Continued unsatisfactory progress may result in dismissal from the Dual Degree Program.

A student must also:

- Maintain at least 2.0 cumulative GPA in the JD portion of the program.
- Successfully complete the writing requirements of the JD portion of the program.
- Register for all required law school courses on a full-time basis and in the sequence established by the Law School faculty. (Concurrent enrollment in the courses of either school is permitted only after the completion of the first year JD curriculum.)
- Complete all the requirements for the MPA and JD portions of the dual program within four (4) years of the initial enrollment in the program.

- Comply with the academic regulations of each school, including those related to the minimum GPA and scholastic discipline. (The computation of the cumulative GPA in each program (JD and MPA) is based on all the courses that would be taken into consideration to award each degree).

Public Affairs, Bachelor of Science and Master of Public Administration 4+1 Dual Degree

4+1 Dual Degrees

The accelerated 4+1 program in Public Affairs is available for students currently admitted in the Bachelor of Science (B.S.) in Public Affairs program. Students entering the 4+1 accelerated program will be admitted to the Master of Public Administration program or the Executive Master of Public Administration program.

The five-year MPA program includes 138 (MPA) academic hours of coursework with an embedded undergraduate degree in Public Administration.

The 4+1 academic program is open to students in the Barbara Jordan – Mickey Leland School of Public Affairs seeking a B.S. degree in Public Affairs. Admission to this graduate programs is not automatic. The principal eligibility factors are the student's cumulative GPA and the Public Affairs courses GPA. The five-year program includes 138 academic hours of coursework. Students entering the Master's program through the 4+1 are not required to complete the GRE.

Designed for the dedicated and driven TSU student, the accelerated 4+1 program combines graduate course work with advanced undergraduate course work, enabling students to earn both a bachelor's and master's degree within five years. It provides top undergraduate students the flexibility to begin taking classes toward their master's degree during their senior year of undergraduate studies.

Students interested in this program must meet the following eligibility requirements to be considered for admission:

1. Have completed at least 90 credits hours of coursework from an approved Public Affairs degree plan.
2. Have a cumulative TSU GPA of 2.5.
3. Have grades posted for all 300 level required courses.
4. Have at least three semesters left in undergraduate program at time of admission to the master's program (senior year course work).

Students in the 4+1 accelerated program must follow all course requirements pertaining to both programs. Satisfactory progress in the program is achieved if the student maintains a **3.00 GPA** in overall graduate course work in the student's master's program. The student may drop out of the 4+1 accelerated program and return to a regular B.S. program at any point of time.

Continuous enrollment in the 4+1 program is required to matriculate through the program. If at any point the student stops enrollment in the 4+1 program, the student will be required to return to a regular bachelor's program.

Students who are dismissed, or voluntarily withdraw, from the 4+1 accelerated program and return to undergraduate status, are eligible to apply for admission to the stand-alone master's program in Public Affairs.

Competencies in the five-year MPA are achieved through an interdisciplinary approach that provides students with:

1. An analytical approach to decision-making in the managerial sciences;
2. Problem solving skills and analytical competencies relevant to management positions;
3. Knowledge of workings of governmental and non-governmental organizations; and
4. Structured and varied work experiences with a foundation in computer and information technology.

Course	Title	Hours
Freshman		
First Semester		
ENG 131	Freshman English I	3
MATH 132 or MATH 133	Contemporary Mathematics I or College Algebra	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Hours		15
Second Semester		
ENG 132	Freshman English II	3
MATH 134 or MATH 135	Plane Trigonometry or Mathematics for Business and Economic Analysis I	3
SOC 157	Introduction To Sociology	3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		15
Sophomore		
First Semester		
ENG (200 level)		3
BIOL 143	Survey of Life Science	3
Select one of the following:		3
ART 131	Drawing & Composition I	
MUSI 131	Introduction To Music	3
THEA 130	Introduction to Theatre	
Foreign Lang/Sub		3
ECON 231	Principles Of Economics I	3
Hours		18
Second Semester		
CS 116	Intro To Compr Science I	3
GEOL 141	Introduction To The Earth	3
Social and Behavioral Sciences		3
Foreign Lang/Sub		3
ECON 232	Principles Of Economics II	3
Hours		15

Junior**First Semester**

PA 271	Intro to Public Adm	3
PA 311	Intro To Pub Sector Plng	3
PA 312	Public Budgeting	3
PA 313	Org Behavior & Mgmt	3
PA 321	Personnel Admin	3

Hours **15**

Second Semester

PA 400	Program Evaluation	3
PA 401	Policy Process	3
PA 410	Seminar in Public Affairs	3
PAD 500	Theory & Practice	3
PAD 502	Research Meth In Pub Adm	3

Hours **15**

Senior**First Semester**

PA Free Elective		3
PA Free Elective		3
PAD 503	Quantitative Methods I	3
PAD 507	Organization Behavior & Theory	3
PAD 509	Computer Appls in Public Admin	3

Hours **15**

Second Semester

PA Free Elective		3
PAD 504	Quantitative Methods II	3
PAD 620	The Policy Making Process	3
PAD 621	Soc Res & Soc Policy	3
PAD 622	Science, Tech & Pub Policy	3

Hours **15**

Fifth Year**First Semester**

PAD 631	Gov Budgeting & Financial Mgmt	3
PAD 623	Pub Policy Anal Mthds	3
PAD 705	Topical Seminar	3

Hours **9**

Second Semester

PAD 700	Internship	6
PAD 710	Capstone	3

Hours **9**

Total Hours **141**

Public Affairs, Bachelor of Arts and Executive Master Public Administration, eMPA 4+1 Dual Degree

4+1 Dual Degrees

The accelerated 4+1 program in Public Affairs is available for students currently admitted in the Bachelor of Science (B.S.) in Public Affairs program. Students entering the 4+1 accelerated program will be admitted

to the Master of Public Administration program or the Executive Master of Public Administration program.

The five-year eMPA program includes 135 (MPA) academic hours of coursework with an embedded undergraduate degree in Public Administration.

The 4+1 academic program is open to students in the Barbara Jordan – Mickey Leland School of Public Affairs seeking a B.S. degree in Public Affairs. Admission to this graduate programs is not automatic. The principal eligibility factors are the student's cumulative GPA and the Public Affairs courses GPA. The five-year program includes 135 academic hours of coursework. Students entering the Master's program through the 4+1 **are not required** to complete the GRE.

Designed for the dedicated and driven TSU student, the accelerated 4+1 program combines graduate course work with advanced undergraduate course work, enabling students to earn both a bachelor's and master's degree within five years. It provides top undergraduate students the flexibility to begin taking classes toward their master's degree during their senior year of undergraduate studies.

Students interested in this program must meet the following eligibility requirements to be considered for admission:

1. Have completed at least 90 credits hours of coursework from an approved Public Affairs degree plan.
2. Have a cumulative TSU GPA of 2.5.
3. Have grades posted for all 300 level required courses.
4. Have at least three semesters left in undergraduate program at time of admission to the master's program (senior year course work).

Students in the 4+1 accelerated program must follow all course requirements pertaining to both programs. Satisfactory progress in the program is achieved if the student maintains a **3.00 GPA** in overall graduate course work in the student's master's program. The student may drop out of the 4+1 accelerated program and return to a regular B.S. program at any point of time.

Continuous enrollment in the 4+1 program is required to matriculate through the program. If at any point the student stops enrollment in the 4+1 program, the student will be required to return to a regular bachelor's program.

Students who are dismissed, or voluntarily withdraw, from the 4+1 accelerated program and return to undergraduate status, are eligible to apply for admission to the stand-alone master's program in Public Affairs.

Competencies in the five-year MPA are achieved through an interdisciplinary approach that provides students with:

1. An analytical approach to decision-making in the managerial sciences;
2. Problem solving skills and analytical competencies relevant to management positions;
3. Knowledge of workings of governmental and non-governmental organizations; and
4. Structured and varied work experiences with a foundation in computer and information technology.

Course	Title	Hours
Freshman		
First Semester		
ENG 131	Freshman English I	3
MATH 132 or MATH 133	Contemporary Mathematics I or College Algebra	3
COMM 135 or COMM 136	BUSINESS & PROFESSIONAL COMMUNICATION or PUBLIC ADDRESS	3
POLS 235	American Government	3
HIST 231	Soc & Pol Hist US to 1877	3
Hours		15
Second Semester		
ENG 132	Freshman English II	3
MATH 134 or MATH 135	Plane Trigonometry or Mathematics for Business and Economic Analysis I	3
SOC 157	Introduction To Sociology	3
POLS 236	Texas Government	3
HIST 232	Soc & Pol Hist US Since 1877	3
Hours		15
Sophomore		
First Semester		
ENG (200 level)		3
BIOL 143	Survey of Life Science	3
Select one of the following:		3
ART 131	Drawing & Composition I	
MUSI 131	Introduction To Music	
THEA 130	Introduction to Theatre	
Foreign Lang/Sub		3
ECON 231	Principles Of Economics I	3
Hours		15
Second Semester		
CS 116	Intro To Compr Science I	3
GEOL 141	Introduction To The Earth	3
Social and Behavioral Sciences		3
Foreign Lang/Sub		3
ECON 232	Principles Of Economics II	3
Hours		15
Junior		
First Semester		
PA 271	Intro to Public Adm	3
PA 311	Intro To Pub Sector Plng	3
PA 312	Public Budgeting	3
PA 313	Org Behavior & Mgmt	3
PA 321	Personnel Admin	3
Hours		15
Second Semester		
PA 400	Program Evaluation	3
PA 401	Policy Process	3
PA 410	Seminar in Public Affairs	3
PAD 500	Theory & Practice	3

PAD 501	Leadership & Decision Making	3
Hours		15
Senior		
First Semester		
PA Free Elective		3
PA Free Elective		3
PAD 503	Quantitative Methods I	3
PAD 502	Research Meth In Pub Adm	3
PAD 507	Organization Behavior & Theory	3
Hours		15
Second Semester		
PA Free Elective		3
PA Free Elective		3
PAD 631	Gov Budgeting & Financial Mgmt	3
PAD 620	The Policy Making Process	3
PAD 622	Science, Tech & Pub Policy	3
Hours		15
Fifth Year		
First Semester		
PAD 600-Level Course		3
PAD 650	Intergovernmental Relations	3
PAD 660	Com Pub Admin West Nations	3
Hours		9
Second Semester		
PAD 705	Topical Seminar	3
PAD 710	Capstone	3
Hours		6
Total Hours		135

Department of Urban Planning and Environmental Policy

- Urban Planning and Environmental Policy (Community Development and Housing Concentration), Master of Arts (p. 596)
- Urban Planning and Environmental Policy (Spatial Analysis and Mobility Planning Concentration), Master of Arts (p. 597)
- Urban Planning and Environmental Policy (Sustainable Environmental and Land Use Planning Concentration), Master of Arts (p. 599)
- Urban Planning and Environmental Policy, Doctor of Philosophy (p. 601)

UPEP 601 Planner's Guide to the History of City Growth and Development (3 Credits)

Examines the forces that have prompted urban development and shaped urban areas since the mid-19th century. From a planning perspective, focuses on the relationship between the social, physical, economic and political; components of a city and their combined impact on contemporary trends in the urban arena. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 603 Planning History & Theory (3 Credits)

Examines the collective history, intellectual heritage and procedural approaches shared by professionals working in contemporary planning practice. Addresses planning ethics. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 619 Plan Making & Implementation (3 Credits)

This course introduces students to the plan making processes, policies and techniques for implementing public plans, such as comprehensive, strategic and small area plans. Topics covered include public sector engagement, capital improvements programming and budgeting, and fiscal planning. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 620 Planning Studio (3 Credits)

This is a capstone experience where students apply elements of the planning process to the development of a comprehensive plan, area plan, or policy for a specific community or neighborhood. 3 hours per week.

Prerequisite(s): (UPEP 603 and UPEP 605 and UPEP 609 and UPEP 619)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 621 Planning Studio 2 (3 Credits)

This is a capstone experience where students apply elements of the planning process to the development of a comprehensive plan, or policy for a specific community or neighborhood, 3 hours per week.

Prerequisite(s): (UPEP 620)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 625 Sustainable Communities (3 Credits)

Exploring urban planning issues through the sustainability lens, the course examines ways to coordinate goals of environment, economy, and equity at community, city regional and state levels. Case studies of cities, regions and development projects are utilized. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 701 Planner's Guide to the History of City Growth and Development (3 Credits)

Examines the forces that have prompted urban development and shaped urban areas since the mid-19th century. From a planning perspective, focuses on the relationship between the social, physical, economic and political components of a city and their combined impact on contemporary trends in the urban arena. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 703 Planning Theory & Practice (3 Credits)

Examines the intellectual heritage and procedural approaches shared by professionals working in contemporary planning practice. Addresses planning ethics. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 705 Introduction to Land Use Planning (3 Credits)

Introduction to the principles and practice of land use planning in the United States. Students learn about the planning and development process including: reviewing site plans, developing master plans, revising development standards, and writing staff reports. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 707 Comprehensive Physical Planning (3 Credits)

Introduction to the principles and practice of physical planning in the United States. Workshop exercises, analyses, and readings are designed to provide a comprehensive and practical understanding of the physical planning and approval process, the elements of physical plans, and the data and analyses needed to prepare and review such plans. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 709 Principles of Planning Law (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 710 Land Use Control Policy and Regulations (3 Credits)

This course provides an overview of land use regulation concepts, techniques, and strategies. Students develop and understanding of the strengths and weaknesses of various land use controls by studying the range of tools used by local, state, and federal governments. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 713 Principles of Site Design (3 Credits)

Focuses on the role of site planning in creating the built environment. Examines the environmental aspects of site conditions, such as hydrology, soils, and topography, and considers aspects of the built form in context of the local communities' goals and conditions. Introduces tools for presenting and analyzing site designs and other maps and plans. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 714 Principles of Urban Design (3 Credits)

Discusses urban design as part of the planning process. Reviews current and historical ideas and practices for improving the urban environment through design. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 718 Professional Communications in Planning (3 Credits)

Course provides opportunity for students to engage in applied planning communications through a variety of formats including verbal, digital, and written. 3 hours per week.

Prerequisite(s): (UPEP 703 and UPEP 705 and UPEP 709)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 719 Plan Making and Implementation (3 Credits)

Introduces students to the plan making processes, policies and techniques for implementing public plans, such as comprehensive, strategic and small area plans. Topics covered included public sector engagement, capital improvement programming and budgeting, and fiscal planning. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 720 Planning Studio I (3 Credits)

This is an applied planning students work as a group on a place-based project. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 721 Planning Studio II (3 Credits)

Capstone experience where students apply elements of the planning process to the development of a comprehensive plan, area plan, or policy for a specific community or neighborhood. 3 hours per week.

Prerequisite(s): (UPEP 720)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 724 INDEPENDENT STUDY (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 725 Introduction to Statistics (3 Credits)

Introduction to applied statistics includes descriptive and inferential statistics, regression and correlation analysis, and computer-based analytic tools for planning analysis. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 726 Applied Planning Methods (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 727 Multivariate Analysis Methods (3 Credits)

An applied introduction to multivariate statistical methods used to analyze land-use, environmental, and other large datasets. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 728 Planning Techniques in Population & Economic Analysis (3 Credits)

This course focuses on quantitative methods in the analysis and projection of population, employment, transportation, and land use with an emphasis on translating results into policy implications. 3 hours per week..

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 729 Urban Land Economics (3 Credits)

Introduces the concepts urban economics, land markets, and locational decision, making. Also discusses urban spatial structure and the political, social, economic, and the political, social, economic, and other conditions that impact land uses and values. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 730 Introduction to GIS Urban Pln (3 Credits)

Introduces basic spatial analysis in the context of urban and environmental planning by geographic information systems. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 731 Applications of GIS Urban Planning (3 Credits)

Provides the concept of advanced spatial analysis including network analysis, three-dimensional analysis, and GIS applications to both urban planning and environmental policy. 3 hour per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 732 Advanced Studies in GIS (3 Credits)

Course in advanced GIS techniques and applications. Combines lectures, readings, discussions, and hands-on labs to graduate students with necessary trainings in GIS to build up advanced knowledge and develop sophisticated techniques required for research on a variety of urban planning and environmental policy analyses. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 740 Community Development in the Urban Milieu (3 Credits)

Explores the theory, history, methods and practice of community. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 742 Housing Policy: Context and Impact (3 Credits)

Considers both historic and contemporary federal, state and local housing policy within U.S. and international settings. Discusses the social implications of housing, the roles of the public. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 744 Citizen Part in Pln Process (3 Credits)

Student examine the roles of community organizing and meaningful inclusive public engagement in the planning process. They explore the planner's role in structuring opportunities for public participation as they learn about models for participation in local decision-making. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 746 Introduction to Real Estate (3 Credits)

An introduction to methods of financial analysis for real estate investment. topics include methods of valuation, each flow forecasting, computer modeling, and taxation and leverage structure. emphasizes the financing of individual projects. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 748 Methods of Land Development Project Analysis (3 Credits)

Examines the land development decision-making process with a focus on learning skills to evaluate the impacts of new developments on the site and surrounding area. Students learn technical skills for reading site plans and evaluating development plans. 3 hours per week..

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 750 Urban Infrastructure Planning and Policy (3 Credits)

Survey of infrastructure systems such as water, sewer, stormwater, energy, transportation, and communications. Course considers the relationship between infrastructure, equity, land development and population growth. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 752 Sustainable Communities Planning (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 761 Land Use and Environmental Planning (3 Credits)

Explores the concept of environmental sustainability through the practice of urban planning. Focuses on topics covering the natural and physical sciences and policies and planning for environmental decision-making. Examines major environmental issues including water, air, land, biodiversity, natural and humanmade disasters, and climate change. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 763 Environmental Planning and Policy (3 Credits)

Examines contemporary environmental policy and practice and the institutional framework for establishing policy and programs. Analysis of case studies of environmental planning at the federal, state and local levels. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 765 Env Pln & Natural Res Mgmt (3 Credits)

Examines the problems related to resources management and environmental planning. Relationship between the physical environment and the quality of urban life. Global population impacts to local air pollution control and management. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 767 Environmental Justice and Equity (3 Credits)

Discusses ethical considerations in environmental decision-making with an emphasis on questions of equity. Focuses on concepts of environmental and social justice including the history and development of the environmental justice movement in the United States and applied planning methods for injustice and promoting just sustainable development. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 769 Environmental Legislation and Policy (3 Credits)

Studies legal principles and institutions involved in protecting the environments, including air, water, and noise pollution. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 770 Environmental Monitoring & Analysis (3 Credits)

Interpretation and analysis of scientific information, examination of the chemistry of atmospheric, land and water environment, with particular emphasis on pollution encountered in urban and industrial sectors. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 772 Climate Change's Impact on Energy Policy and Planning (3 Credits)

Addresses climate change and energy resources issues in urban planning areas of housing, land use, transportation and community development. Explores energy policy through an examination of energy markets and the energy policy impacts of federal, state and local government. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 774 Sustainable Waste Management (3 Credits)

Introduction to approaches for management of wastes at different jurisdictional levels. Examines solid waste, food waste, hazardous wastes, and radioactive wastes. Considers issues of sustainable waste management in terms of associated environmental, economic and equity issues. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 776 Environmental Assessment (3 Credits)

Introduces the principles, methods, and applications of environmental assessments. Focuses on the use of environmental information to inform planning decisions and public policies. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 778 Pollution Control (3 Credits)

Examines the technological and management options for controlling and preventing air, water, and solid waste pollution. 3 hour per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 780 COMPARATIVE INTL TPCS IN TRANS (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 785 INTERNATIONAL DEVELOPMENT PLN (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 789 INDEPENDENT STUDY (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 790 SPECIAL TOPICS I (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 791 SPECIAL TOPICS II (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 792 SPECIAL TOPICS III (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 795 INTERNSHIP (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 797 THESIS I (3 Credits)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 798 Thesis II (3 Credits)

Independent scholarly research project resulting in a substantive paper that involves original collection or treatment of. 3 hours per week.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 800 City Growth & Dev of Cities (3 Credits)

The Growth and Development of Cities (3) Historic interrelationships of various cultural influences and theoretical concepts on contemporary patterns, trends and problems of urban development. Forces which prompted urban development and shaped urban areas throughout human history.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 801 Pln Theory & Practice (3 Credits)

Planning Theory and Practice (3) An Examination of the intellectual heritage and procedural approaches shared by practitioners working in all areas of contemporary planning practice. General area of planning theory and ethical issues.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 802 Quantitative Methods in Pln (3 Credits)

Quantitative Methods in Planning (3) Descriptive and inferential statistics as applied to public policies in planning and environmental policy. Computer-based analytical tools for planning analysis. The software package SPSS is the working tool of the class.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 803 Res Methods & Eval in Urb Pln (3 Credits)

Research Methods and Evaluation in Environmental Planning (3) Methods of investigation and analysis, the formulation of theory, selection of appropriate research techniques, data-gathering techniques, data preparation and data processing, measures of association and statistical significance and methods of addressing environmental quality.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 804 Intro to Site Design (3 Credits)

Introduction to Site Design (3) Focus on the study and evaluation of the built environment with particular reference to those aspects of the development process that result in "better" physical forms. An appreciation of the architectural and design elements of land use development.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 805 Planning Studio I (3 Credits)

Plan Preparation Studio (3) Student planning projects done under the supervision of faculty members to develop planning solutions to real situations confronting communities and other public service organizations.

Prerequisite(s): (UPEP 800 and UPEP 801 and UPEP 802 and UPEP 808 and UPEP 806 and UPEP 813)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 806 Land Use & Env Law (3 Credits)

Land-Use and Environmental Law (3) A basic framework in environmental laws, survey of critical cases, policy decisions and legal history. Regional, national and international issues are addressed with the focus on inter-jurisdictional problem systems in different localities.

Prerequisite(s): (UPEP 800 and UPEP 801)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 807 PRO COMM IN PLANNING (3 Credits)

Pro communications in Planning Course provides opportunity for students to engage in variety of ways to communicate both orally and in writing. Various communication styles, venues and audiences are addressed.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 808 Applied Planning Methods (3 Credits)

Applied Planning Methods Provide the opportunity for students to learn and practice developing various methods and decision making models that are used in the field. These methods include surveys, qualitative approaches, demographic analysis and forecasting, development of indexes, economic analysis and project evaluation.

Prerequisite(s): UPEP 802

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 809 Urban Econ & Spatial Stru (3 Credits)

Urban Economics and Spatial Structure (3) Introduction to the basic concepts of urban economics and the common planning issues related to urban spatial structure.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 810 Land Use Control Pol& Reg (3 Credits)

Land-Use Control Policy and Regulation (3) Public land-use policy and legislation and implementing governmental actions; land-use control exercised by several levels of government; practice and impacts of zoning on growth management.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 811 Intro to GIS in Urb Pln (3 Credits)

Introduction to GIS in Urban Planning (3) Relational databases examined in the context of urban and environmental planning. Focus is given to geographic information systems for collecting and displaying spatial information.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 812 Theories of Urb Form & Design (3 Credits)

Theories of Urban Form and Design (3) Analysis of idealized urban forms, theories and models in urban areas as they relate to function and location of urban activities.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 813 Intro to Land Use Pln (3 Credits)

Introduction to Land Use Planning (3) Introduction to the organization and conduct of local land-use planning as practiced in Texas. The course will cover Texas statutes, the General Plan, specific plans and how to do them, and how to manage a planning department.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 821 Comparative Intl Tpcs in Trans (3 Credits)

Comparative International Topics in Transportation (3) Comparative planning and policies in transportation. A comparison of different models of transportation used by developed and developing countries and the relationship between transportation and economic development.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 825 Energy Policy & PPlan Analysis (3 Credits)

Energy Policy & Planning Analysis Overview of the evolution of energy planning and addressing the salient issues that cities are facing and impacts that energy policy has on communities.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 841 Application of GIS (3 Credits)

Application of Geographic Information Systems in Urban Planning (3) GIS and its application to both urban planning and environmental policy. Topics will include data discovery, databases design, construction, modeling and analytical measurements.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 842 Advanced Studies in GIS (3 Credits)

Advanced Studies in GIS This class covers advanced GIS techniques and applications. It combines lectures, readings, discussions, and hands-on labs to graduate students with necessary trainings in GIS to build up advanced knowledge and develop sophisticated techniques required for research on a variety of urban planning and environmental policy analyses.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 844 Multivariate Analysis Methods (3 Credits)

Multivariate Analysis Method (3) Multivariate statistical methods used to analyze land-use, environmental and other large data sets. Emphasis on causal modeling of cross-sectional data. Topics include multiple regression analysis, nonlinear models, path analysis, and log-linear models.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 850 Infrastructure Pln & Pol (3 Credits)

Urban Infrastructure, Planning and Policy (3) Methods and procedures used in planning basic urban infrastructure systems; transportation, water supply, wastewater, storm water, solid waste. Infrastructure development centralized vs. decentralized system; case study.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 851 Waste Mgmt & Remediation (3 Credits)

Waste Management and Remediation: Air, Water and Soil (3) Current approaches to the management and disposal of urban waste, focusing on alternatives such as recycling. Topics will also include disposal of hazardous wastes.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 852 Env Impact Assessment (3 Credits)

Environmental Impact Assessment (3) Examination of environmental Impact Assessment processes and methods from both a theoretical and applied perspective. The philosophy and statutory basis of the assessment process is reviewed. The broader planning processes for jurisdiction are emphasized.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 855 Environmental Planning (3 Credits)

Environmental Planning (3) Introduction to the theoretical and practical aspects of the environmental planning process and also the examination of the standard environmental planning techniques and strategies.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 860 Theory His & Prac of Com Dev (3 Credits)

Theory, History and Practice of Community Development (3) Examination of the theory, history, methods and practice of local community development. The course examines the historical roots of community involvement and action.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 861 US Housing Pln & Pol (3 Credits)

U.S. Housing Planning and Policy (3) A survey of the residential environment from economic and sociological perspectives. The behavior of individuals and institutions in the housing and mortgage markets. Emphasis is placed on examining the impact of federal, state and local policies on housing markets, housing availability, and family welfare.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 862 Sustainable Comm (3 Credits)

Sustainable Communities (3) Examination of sustainable communities and the environmental, social, economic, political, and design standards that underlie them. Actual case studies of cities, towns and development projects that reflect principles of sustainability.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 863 Citizen Part in Plng Process (3 Credits)

Citizen Participation in the Planning Process (3) An examination of the role of citizens and citizen organizations in the city planning process. Models for citizen involvement. Examination of the effectiveness of different organizational models in different situations.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 864 Intro to Real Estate (3 Credits)

Introduction to Real Estate (3) Introduction to methods of financial analysis for real estate investment. Topics include methods of valuation, each flow forecasting, computer modeling, taxation, and leverage structure. Emphasis is placed on the financing of individual projects.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 871 Env Values & Ethics (3 Credits)

Environmental Values and Ethics (3) Detailed exploration of the normative debate surrounding environmental issues. Attention to foundation of environmental economics, questions about the value of endangered species, concerns of future generations and obligations toward equity.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 872 Methods of Proj Anal (3 Credits)

Methods of Project Analysis (3) A course designed to provide an understanding of the variety of planning evaluation methods and processes employed in the review of development proposal, site plans and public policies.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 873 Special Topics (3 Credits)

Special Topics (3) Focus on selected topics.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 874 Special Topics (3 Credits)

Special Topics (3) Focus on selected topics.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 875 Special Topics (3 Credits)

Special Topics (3) Focus on selected topics.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 877 Independent Study (3 Credits)

Independent Study

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 888 Thesis (3 Credits)

Thesis (3) Designed to be a product of independent research that is approved by a faculty committee.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 889 Planning Thesis (3-6 Credits)

Thesis (3) Designed to be a product of independent research that is approved by a faculty committee.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 890 Internship (3 Credits)

Internship (3) Designed to provide students with a supervised practical experience in public, private, and selected nonprofit agencies.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 900 Adv Pln Theory & Prac (3 Credits)

Advanced Planning Theory and Practice (3) Examines the intellectual and professional roots of contemporary planning theory and practice. Effort is directed toward analyzing these roots with an eye to stimulating new perspectives and concepts for a sustainable community orientation.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 901 Adv Urb Theory (3 Credits)

Advanced Urban Theory (3) Studies the evolution of Urban Theory. Genesis and structure of planning thought and methods; economic, political, and social factors influencing the development of urban theories and policies; the theory and development of urban structure; and the history of cities.

Prerequisite(s): (UPEP 900)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 902 Adv Pln Analysis (3 Credits)

Advanced Planning Analysis (3) Studies methods for investigation and analysis of urban and environmental phenomena; models, datagathering techniques; sources and applications of aggregate data; data preparation and data processing; measures of association and statistical significance.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 903 Adv Pln Analysis II: Stats (3 Credits)

Advanced Planning Analysis (3) Studies applied statistics and computing, inferential statistics; multivariate statistical methods; selecting the appropriate statistical test for analyzing bivariate relationships and procedures for more complex designs.

Prerequisite(s): (UPEP 902)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 904 Env Pln & Pol (3 Credits)

Environmental Planning and Policy (3) Examines contemporary environmental policy and practice and the institutional framework for establishing policy and programs. Analysis of case studies of environmental planning at the federal, state, and local levels.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 905 Env Pln & Natural Res Mgmt (3 Credits)

Environmental Planning and Natural Resources Management (3) Examination of the problems related to resources management and environmental planning. Relationship between the physical environment and the quality of urban life. Global population impacts on local air pollution control and management.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 906 Env Monitor & Anal (3 Credits)

Environmental Monitoring and Analysis (3) Interpretation and analysis of scientific information: examination of the chemistry of atmospheric, land and water environment, with particular emphasis on pollution encountered in urban and industrial sectors.

Prerequisite(s): (UPEP 904)

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 907 Env Legislation & Pol (3 Credits)

Environmental Legislation and Policy (3) Studies legal principles and institutions involved in protecting the environments, including air, water, and noise pollution. The approach of lawyers and courts, as differentiated from that of planners.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 908 Pollution Control (3 Credits)

Pollution Control (3) Examines the technological and management options for controlling and preventing air, water, and solid waste pollution.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 909 Population & Dev Pln (3 Credits)

Population and Development Planning (3) Examines issues, methods, strategies and problems related to the integration of population information with policies for guiding the social and economic development of third world countries.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 910 Comp Pln & Growth Mgmt (3 Credits)

Comprehensive Planning and Growth Management (3) Explores the comprehensive planning process by developing a plan for a local jurisdiction. Problems and needs for growth management; planning approaches and methods for controlling growth in the urban environment.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 941 Research Colloquium (3 Credits)

Research Colloquium (3) Seminars for doctoral students addressing issues of interests in research, teaching, and career development.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 942 Dissertation I (3-12 Credits)

Dissertation Supervised research and dissertation preparation.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 943 Dissertation II (1 Credits)

Supervised research and dissertation preparation. Student may enroll for 1.000 credit in an enroll term. Program total credits allowed 3.000

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

UPEP 977 Independent Study (3 Credits)

Independent Study (3) Advisor-supervised preparation for the comprehensive examination.

College/School: The School of Public Affairs

Department: Dept of Urban Pln & Envir Poli

Urban Planning and Environmental Policy (Community Development and Housing Concentration), Master of Arts

The Master of Urban Planning and Environmental Policy (MUPEP) trains students with the skills and knowledge necessary to be successful in planning and planning related professions. Whether desiring to become a planning generalist or a generalist with a specialty in environmental and land use planning, community development and housing, or spatial analysis, students graduate from the MUPEP program with the skills and knowledge of equity, social justice and sustainability. We prepare students to become planners who demonstrate critical, visionary, and utopian thinking with an ability to elicit, understand, and respectfully characterize community values within planning projects.

The major objectives of the Master of Urban Planning and Environmental Policy Program are:

- To train students for professional careers in planning, allowing them to function in both generalist and specialist roles.
- To provide students with an understanding of the history and theories of cities and urban regions.
- To prepare students with life-long analytical, research, and communication skills.
- To provide students with the specific knowledge and skills needed to become successful practicing planners in a wide range of urban, metropolitan and regional planning areas.
- To provide students with scientific and technical skills that can be applied professionally to solve problems of both the built and natural environments.

Degree Requirements

The program requires 48 credits. Of those, twenty-four (24) are required core courses. In addition to the core requirements, students are required to take twelve (12) credits in specialization courses. The remaining twelve (12) credits are for elective courses.

With Department approval, it is possible to transfer up to 6 credit hours taken in another graduate program. Only courses with a B or higher grade will be considered and the course content must be relevant to the MUPEP degree. The MUPEP program does not grant credit for courses completed for a prior earned degree.

All students, except for students completing a thesis, must satisfy the internship requirement and pass the comprehensive exit examination.

Specializations

All students must take 12 credit hours within one of the three specializations offered: (a) Sustainable Environmental and Land Use Planning, (b) Community Development and Housing, or (c) Spatial Analysis and Mobility Planning.

Sustainable Environmental and Land Use Planning Specialization

The Sustainable Environmental and Land Use Planning specialization provides planners with conceptual and methodological skills to manage both the built and natural environments in order to promote sustainable and equitable urban development. Issues include: waste management, flooding and storm water, environmental pollution, land use planning, climate change, and environmental justice. Students are required to take both:

- UPEP 750 Urban Infrastructure Planning and Policy
- UPEP 761 Land Use and Environmental Planning

and 2 courses from the following list:

- UPEP 730 Introduction to GIS in Urban Planning
- UPEP 744 Public Participation in the Planning Process
- UPEP 776 Environmental Assessment
- UPEP 767 Environmental Justice and Equity

Community Development and Housing Specialization

The Community Development and Housing specialization introduces students to the myriad of issues facing urban communities. Courses train students in the methods used to assess the potential need and impact of housing and community improvement projects the surrounding residents. Students are required to take both:

- UPEP 740 Community Development in the Urban Milieu
- UPEP 742 Housing Policy: Context and Impact

and 2 courses from the following list:

- UPEP 744 Public Participation in the Planning Process
- UPEP 746 Introduction to Real Estate
- UPEP 748 Methods of Land Development Project Analysis
- UPEP 750 Urban Infrastructure Planning and Policy

Spatial Analysis and Mobility Planning Specialization

The Spatial Analysis and Mobility Planning specialization focuses on the coordination and visualization of the built environment and the impacts of land use policies. The specializations combine courses that allow students to identify development needs and issues and visualize clearly desired outcomes across functional areas. Included in the concentration are a progression of GIS, analytic and visualization tools that are standard to the planning profession. Students are required to take both:

- UPEP 713 Principles of Design
- UPEP 730 Introduction to GIS in Urban Planning

and 2 courses from the following list:

- UPEP 729 Urban Land Economics
- UPEP 731 Applications of GIS in Urban Planning
- UPEP 732 Advanced Studies in GIS
- UPEP 780 Comparative International Topics in Transportation

Electives

All students must take four elective courses (12 credit hours). They may select from any UPEP 7xx course that is not used to fulfill their core or specialization requirements. Alternatively, with the approval of their

advisor, students may take program-related graduate courses in other Texas Southern University graduate programs or at other institutions.

Internships

All students, except for students completing a thesis, must satisfy the internship requirement. Students who complete a qualifying internship are eligible to register to earn course credit for that work.

ADMISSION CRITERIA

The Master of Urban Planning and Environmental Policy requires a bachelor's degree from an accredited college or university and a satisfactory academic record. To apply to the program, the following is required:

1. Online TSU Graduate School Application.
2. Resume.
3. Three letters of reference from people, preferably professors from your undergraduate degree program, who know you well and can provide an evaluation of your ability to perform and succeed at the graduate level.
4. An official transcript from colleges and universities attended. Applicant's undergraduate cumulative GPA must be at least a 3.0 in the last sixty hours.
5. Written statement of purpose (500 - 750 words). Students should write an original statement of purpose indicating future goals and reasons for pursuing the Master of Urban Planning and Environmental Policy specifically at Texas Southern University.
6. Graduate Record Examination scores from the GRE General Test must be submitted by all applicants. Only scores for tests taken within 5 years prior to the entrance term are considered valid.
7. For international applicants, the following additional documentation is required:
 - a. Official TOEFL (Test of English as a Foreign Language) score is required for applicants whose native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test or 79 on the Internet-based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.
 - b. Applicants with a bachelor's degree or other educational credentials from a non-U.S. institution must submit an official course-by-course transcript evaluation of that degree by one of the TSU approved transcript evaluation agencies.
 - c. An affidavit of financial support as required by the Office of International Admissions.

Degree Requirements

The program requires 48 credits. Of those, twenty-four (24) are required core courses. In addition to the core requirements, students are required to take twelve (12) credits in specialization courses. The remaining twelve (12) credits are for elective courses.

With Department approval, it is possible to transfer up to 6 credit hours taken in another graduate program. Only courses with a B or higher grade will be considered and the course content must be relevant to the MUPEP degree. The MUPEP program does not grant credit for courses completed for a prior earned degree.

All students, except for students completing a thesis, must satisfy the internship requirement and pass the comprehensive exit examination.

Summary

Code	Title	Hours
	Core Curriculum (p. 597)	21-24
	Community Development and Housing (p. 597)	12
	Electives (p. 597)	9-12
	Thesis	0-6
	Total Hours	48

Core Requirements

Code	Title	Hours
UPEP 703	Planning Theory & Practice	3
UPEP 705	Introduction to Land Use Planning	3
UPEP 709	Principles of Planning Law	3
UPEP 719	Plan Making and Implementation	3
UPEP 725	Introduction to Statistics	3
UPEP 726	Applied Planning Methods	3
UPEP 720	Planning Studio I	3
UPEP 721	Planning Studio II (Not Required for Thesis Option)	
	Total Hours	21-24

Community Development and Housing

The Community Development and Housing area of specialization introduces students to the myriad of issues facing urban communities. Courses train students in the methods used to assess the potential need and impact of housing and community improvement projects and their effects on the surrounding residents. Students are required to take:

Code	Title	Hours
UPEP 740	Community Development in the Urban Milieu	3
UPEP 742	Housing Policy: Context and Impact	3
	Select two of the following:	6
UPEP 744	Citizen Part in Pln Process	3
UPEP 746	Introduction to Real Estate	3
UPEP 748	Methods of Land Development Project Analysis	3
UPEP 750	Urban Infrastructure Planning and Policy	3
	Total	12

Electives

UPEP courses outside of the student's selected concentration may count as electives. In addition, if approved by their advisor, students may take graduate courses in other departments to count towards their electives.

Urban Planning and Environmental Policy (Spatial Analysis and Mobility Planning Concentration), Master of Arts

The Master of Urban Planning and Environmental Policy (MUPEP) trains students with the skills and knowledge necessary to be successful in planning and planning related professions. Whether desiring to become

a planning generalist or a generalist with a specialty in environmental and land use planning, community development and housing, or spatial analysis, students graduate from the MUPEP program with the skills and knowledge of equity, social justice and sustainability. We prepare students to become planners who demonstrate critical, visionary, and utopian thinking with an ability to elicit, understand, and respectfully characterize community values within planning projects.

The major objectives of the Master of Urban Planning and Environmental Policy Program are:

- To train students for professional careers in planning, allowing them to function in both generalist and specialist roles.
- To provide students with an understanding of the history and theories of cities and urban regions.
- To prepare students with life-long analytical, research, and communication skills.
- To provide students with the specific knowledge and skills needed to become successful practicing planners in a wide range of urban, metropolitan and regional planning areas.
- To provide students with scientific and technical skills that can be applied professionally to solve problems of both the built and natural environments.

Degree Requirements

The program requires 48 credits. Of those, twenty-four (24) are required core courses. In addition to the core requirements, students are required to take twelve (12) credits in specialization courses. The remaining twelve (12) credits are for elective courses.

With Department approval, it is possible to transfer up to 6 credit hours taken in another graduate program. Only courses with a B or higher grade will be considered and the course content must be relevant to the MUPEP degree. The MUPEP program does not grant credit for courses completed for a prior earned degree.

All students, except for students completing a thesis, must satisfy the internship requirement and pass the comprehensive exit examination.

Specializations

All students must take 12 credit hours within one of the three specializations offered: (a) Sustainable Environmental and Land Use Planning, (b) Community Development and Housing, or (c) Spatial Analysis and Mobility Planning.

Sustainable Environmental and Land Use Planning Specialization

The Sustainable Environmental and Land Use Planning specialization provides planners with conceptual and methodological skills to manage both the built and natural environments in order to promote sustainable and equitable urban development. Issues include: waste management, flooding and storm water, environmental pollution, land use planning, climate change, and environmental justice. Students are required to take both:

- UPEP 750 Urban Infrastructure Planning and Policy
- UPEP 761 Land Use and Environmental Planning

and 2 courses from the following list:

- UPEP 730 Introduction to GIS in Urban Planning
- UPEP 744 Public Participation in the Planning Process

- UPEP 776 Environmental Assessment
- UPEP 767 Environmental Justice and Equity

Community Development and Housing Specialization

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- UPEP 740 Community Development in the Urban Milieu
- UPEP 742 Housing Policy: Context and Impact

and 2 courses from the following list:

- UPEP 744 Public Participation in the Planning Process
- UPEP 746 Introduction to Real Estate
- UPEP 748 Methods of Land Development Project Analysis
- UPEP 750 Urban Infrastructure Planning and Policy

Spatial Analysis and Mobility Planning Specialization

The Spatial Analysis and Mobility Planning specialization focuses on the coordination and visualization of the built environment and the impacts of land use policies. The specializations combine courses that allow students to identify development needs and issues and visualize clearly desired outcomes across functional areas. Included in the concentration are a progression of GIS, analytic and visualization tools that are standard to the planning profession. Students are required to take both:

- UPEP 713 Principles of Design
- UPEP 730 Introduction to GIS in Urban Planning

and 2 courses from the following list:

- UPEP 729 Urban Land Economics
- UPEP 731 Applications of GIS in Urban Planning
- UPEP 732 Advanced Studies in GIS
- UPEP 780 Comparative International Topics in Transportation

Electives

All students must take four elective courses (12 credit hours). They may select from any UPEP 7xx course that is not used to fulfill their core or specialization requirements. Alternatively, with the approval of their advisor, students may take program-related graduate courses in other Texas Southern University graduate programs or at other institutions.

Internships

All students, except for students completing a thesis, must satisfy the internship requirement. Students who complete a qualifying internship are eligible to register to earn course credit for that work.

ADMISSION CRITERIA

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1. Online TSU Graduate School Application.
2. Resume.
3. Three letters of reference from people, preferably professors from your undergraduate degree program, who know you well and can provide an evaluation of your ability to perform and succeed at the graduate level.
4. An official transcript from colleges and universities attended. Applicant's undergraduate cumulative GPA must be at least a 3.0 in the last sixty hours.
5. Written statement of purpose (500 - 750 words). Students should write an original statement of purpose indicating future goals and reasons for pursuing the Master of Urban Planning and Environmental Policy specifically at Texas Southern University.
6. Graduate Record Examination scores from the GRE General Test must be submitted by all applicants. Only scores for tests taken within 5 years prior to the entrance term are considered valid.
7. For international applicants, the following additional documentation is required:
 - a. Official TOEFL (Test of English as a Foreign Language) score is required for applicants whose native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test or 79 on the Internet-based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.
 - b. Applicants with a bachelor's degree or other educational credentials from a non-U.S. institution must submit an official course-by-course transcript evaluation of that degree by one of the TSU approved transcript evaluation agencies.
 - c. An affidavit of financial support as required by the Office of International Admissions.

Degree Requirements

The program requires 48 credits. Of those, twenty-four (24) are required core courses. In addition to the core requirements, students are required to take twelve (12) credits in specialization courses. The remaining twelve (12) credits are for elective courses.

With Department approval, it is possible to transfer up to 6 credit hours taken in another graduate program. Only courses with a B or higher grade will be considered and the course content must be relevant to the MUPEP degree. The MUPEP program does not grant credit for courses completed for a prior earned degree.

All students, except for students completing a thesis, must satisfy the internship requirement and pass the comprehensive exit examination.

Summary

Code	Title	Hours
	Core Curriculum (p. 599)	21-24
	Spatial Analysis and Mobility Planning (p. 599)	12
	Electives (p. 599)	9-12
	Thesis	0-6
	Total Hours	48

Core Requirements

Code	Title	Hours
UPEP 703	Planning Theory & Practice	3
UPEP 705	Introduction to Land Use Planning	3
UPEP 709	Principles of Planning Law	3
UPEP 719	Plan Making and Implementation	3
UPEP 725	Introduction to Statistics	3
UPEP 726	Applied Planning Methods	3
UPEP 720	Planning Studio I	3
UPEP 721	Planning Studio II (Not Required for Thesis Option)	
	Total Hours	21-24

Spatial Analysis and Mobility Planning

The Spatial Analysis and Mobility Planning area of specialization focuses on the coordination and visualization of the built environment and the impacts of land use policies. The specialization combines courses that allow students to identify development needs and issues and visualize clearly desired outcomes across functional areas. Included in the concentration are a progression of GIS, analytic and visualization tools that are standard to the planning profession. Students are required to take:

Code	Title	Hours
UPEP 713	Principles of Site Design	3
UPEP 730	Introduction to GIS Urban Pln	3
	Select two of the following:	6
UPEP 729	Urban Land Economics	3
UPEP 731	Applications of GIS Urban Planning	3
UPEP 732	Advanced Studies in GIS	3
UPEP 780	COMPARATIVE INTL TPCS IN TRANS	3
	Total Hours	12

Electives

UPEP courses outside of the student's selected concentration may count as electives. In addition, if approved by their advisor, students may take graduate courses in other departments to count towards their electives.

Urban Planning and Environmental Policy (Sustainable Environmental and Land Use Planning Concentration), Master of Arts

The Master of Urban Planning and Environmental Policy (MUPEP) trains students with the skills and knowledge necessary to be successful in planning and planning related professions. Whether desiring to become a planning generalist or a generalist with a specialty in environmental and land use planning, community development and housing, or spatial analysis, students graduate from the MUPEP program with the skills and knowledge of equity, social justice and sustainability. We prepare students to become planners who demonstrate critical, visionary, and utopian thinking with an ability to elicit, understand, and respectfully characterize community values within planning projects.

The major objectives of the Master of Urban Planning and Environmental Policy Program are:

- To train students for professional careers in planning, allowing them to function in both generalist and specialist roles.
- To provide students with an understanding of the history and theories of cities and urban regions.
- To prepare students with life-long analytical, research, and communication skills.
- To provide students with the specific knowledge and skills needed to become successful practicing planners in a wide range of urban, metropolitan and regional planning areas.
- To provide students with scientific and technical skills that can be applied professionally to solve problems of both the built and natural environments.

Degree Requirements

The program requires 48 credits. Of those, twenty-four (24) are required core courses. In addition to the core requirements, students are required to take twelve (12) credits in specialization courses. The remaining twelve (12) credits are for elective courses.

With Department approval, it is possible to transfer up to 6 credit hours taken in another graduate program. Only courses with a B or higher grade will be considered and the course content must be relevant to the MUPEP degree. The MUPEP program does not grant credit for courses completed for a prior earned degree.

All students, except for students completing a thesis, must satisfy the internship requirement and pass the comprehensive exit examination.

Specializations

All students must take 12 credit hours within one of the three specializations offered: (a) Sustainable Environmental and Land Use Planning, (b) Community Development and Housing, or (c) Spatial Analysis and Mobility Planning.

Sustainable Environmental and Land Use Planning Specialization

The Sustainable Environmental and Land Use Planning specialization provides planners with conceptual and methodological skills to manage both the built and natural environments in order to promote sustainable and equitable urban development. Issues include: waste management, flooding and storm water, environmental pollution, land use planning, climate change, and environmental justice. Students are required to take both:

- UPEP 750 Urban Infrastructure Planning and Policy
- UPEP 761 Land Use and Environmental Planning

and 2 courses from the following list:

- UPEP 730 Introduction to GIS in Urban Planning
- UPEP 744 Public Participation in the Planning Process
- UPEP 776 Environmental Assessment
- UPEP 767 Environmental Justice and Equity

Community Development and Housing Specialization

The Community Development and Housing specialization introduces students to the myriad of issues facing urban communities. Courses train students in the methods used to assess the potential need and impact of

housing and community improvement projects the surrounding residents. Students are required to take both:

- UPEP 740 Community Development in the Urban Milieu
- UPEP 742 Housing Policy: Context and Impact

and 2 courses from the following list:

- UPEP 744 Public Participation in the Planning Process
- UPEP 746 Introduction to Real Estate
- UPEP 748 Methods of Land Development Project Analysis
- UPEP 750 Urban Infrastructure Planning and Policy

Spatial Analysis and Mobility Planning Specialization

The Spatial Analysis and Mobility Planning specialization focuses on the coordination and visualization of the built environment and the impacts of land use policies. The specializations combine courses that allow students to identify development needs and issues and visualize clearly desired outcomes across functional areas. Included in the concentration are a progression of GIS, analytic and visualization tools that are standard to the planning profession. Students are required to take both:

- UPEP 713 Principles of Design
- UPEP 730 Introduction to GIS in Urban Planning

and 2 courses from the following list:

- UPEP 729 Urban Land Economics
- UPEP 731 Applications of GIS in Urban Planning
- UPEP 732 Advanced Studies in GIS
- UPEP 780 Comparative International Topics in Transportation

Electives

All students must take four elective courses (12 credit hours). They may select from any UPEP 7xx course that is not used to fulfill their core or specialization requirements. Alternatively, with the approval of their advisor, students may take program-related graduate courses in other Texas Southern University graduate programs or at other institutions.

Internships

All students, except for students completing a thesis, must satisfy the internship requirement. Students who complete a qualifying internship are eligible to register to earn course credit for that work.

ADMISSION CRITERIA

The Master of Urban Planning and Environmental Policy requires a bachelor's degree from an accredited college or university and a satisfactory academic record. To apply to the program, the following is required:

1. Online TSU Graduate School Application.
2. Resume.
3. Three letters of reference from people, preferably professors from your undergraduate degree program, who know you well and can provide an evaluation of your ability to perform and succeed at the graduate level.
4. An official transcript from colleges and universities attended. Applicant's undergraduate cumulative GPA must be at least a 3.0 in the last sixty hours.

5. Written statement of purpose (500 - 750 words). Students should write an original statement of purpose indicating future goals and reasons for pursuing the Master of Urban Planning and Environmental Policy specifically at Texas Southern University.
6. Graduate Record Examination scores from the GRE General Test must be submitted by all applicants. Only scores for tests taken within 5 years prior to the entrance term are considered valid.
7. For international applicants, the following additional documentation is required:
 - a. Official TOEFL (Test of English as a Foreign Language) score is required for applicants whose native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test or 79 on the Internet-based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.
 - b. Applicants with a bachelor's degree or other educational credentials from a non-U.S. institution must submit an official course-by-course transcript evaluation of that degree by one of the TSU approved transcript evaluation agencies.
 - c. An affidavit of financial support as required by the Office of International Admissions.

DEGREE REQUIREMENTS

The program requires 48 credits. Of those, twenty-four (24) are required core courses. In addition to the core requirements, students are required to take twelve (12) credits in specialization courses. The remaining twelve (12) credits are for elective courses.

With Department approval, it is possible to transfer up to 6 credit hours taken in another graduate program. Only courses with a B or higher grade will be considered and the course content must be relevant to the MUPEP degree. The MUPEP program does not grant credit for courses completed for a prior earned degree.

All students, except for students completing a thesis, must satisfy the internship requirement and pass the comprehensive exit examination.

Summary

Code	Title	Hours
	Core Curriculum (p. 601)	21-24
	Sustainable Environmental and Land Use Planning (p. 601)	12
	Electives (p. 601)	9-12
	Thesis	0-6
	Total Hours	48

Core Requirements

Code	Title	Hours
UPEP 703	Planning Theory & Practice	3
UPEP 705	Introduction to Land Use Planning	3
UPEP 709	Principles of Planning Law	3
UPEP 719	Plan Making and Implementation	3
UPEP 725	Introduction to Statistics	3
UPEP 726	Applied Planning Methods	3
UPEP 720	Planning Studio I	3

UPEP 721	Planning Studio II (Not Required for Thesis Option)	Total Hours
		21-24

Sustainable Environmental and Land Use Planning

The Sustainable Environmental and Land Use Planning area of specialization provides planners with conceptual and methodological skills to manage both the built and natural environments in order to promote sustainable and equitable urban development. Issues include: waste management, flooding and storm water, environmental pollution, land use planning, climate change, and environmental justice. Students are required to take:

Code	Title	Hours
UPEP 750	Urban Infrastructure Planning and Policy	3
UPEP 761	Land Use and Environmental Planning	3
	Select two of the following:	6
UPEP 730	Introduction to GIS Urban Pln	3
UPEP 744	Citizen Part in Pln Process	3
UPEP 767	Environmental Justice and Equity	3
UPEP 776	Environmental Assessment	3
	Total Hours	12

Electives

UPEP courses outside of the student's selected concentration may count as electives. In addition, if approved by their advisor, students may take graduate courses in other departments to count towards their electives.

Urban Planning and Environmental Policy, Doctor of Philosophy

For individuals wishing to pursue careers in university teaching, research, or highly specialized practice, the Doctor of Philosophy (PhD) in Urban Planning and Environmental Policy provides advanced knowledge, skills, and extensive experience working closely with faculty in teaching and research. The program is designed to foster competencies necessary for the critical examination of the nature of urban planning and environmental policy. Offered by an interdisciplinary faculty, the program emphasizes preparation in research methods, spatial and regional analysis, development theory, historical processes, analytic and policy formulation skills, and the critical appraisal of alternative causes of change.

Requirements for Admission

Admission to the Urban Planning and Environmental Policy Doctoral Program will be granted to a small group each year, selected from those who will be judged most likely to achieve eminence in the field. To be considered:

1. Applicants for admission to the PhD degree program in Urban Planning and Environmental Policy must meet the requirements for admission to the Graduate School. The prospective student must have a bachelor's degree in an appropriate field or an equivalent field acceptable to the admissions committee.
2. Master's degree must have an acceptable cumulative grade point average of 3.3.

3. Applicants must present Graduate Record Examination (GRE) General Test scores. Only scores for tests taken within 5 years prior to initial application are considered valid.
4. For international applicants, the following additional documentation is required:
 - a. Official TOEFL (Test of English as a Foreign Language) score is required for applicants whose native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test or 79 on the Internet-based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.
 - b. Applicants with a bachelor's degree or other educational credentials from a non-U.S. institution must submit an official course-by-course transcript evaluation of that degree by one of the TSU approved transcript evaluation agencies.
 - c. An affidavit of financial support as required by the Office of International Admissions.
5. An interview with members of the Urban Planning and Environmental Policy Program's Admission Committee will be required of applicants. Committee will coordinate scheduling after receiving a complete application.

All applicants admitted to the PhD degree program must have a minimum of 12 master's level credit hours in urban planning and environmental policy or related areas. Otherwise, they must satisfy this requirement before achieving full admission into the PhD Program.

A complete application includes the following:

1. On-line TSU Graduate School Application.
2. Statement of interest (minimum of 500 words).
3. A non-refundable application fee.
4. At least three (3) recommendations from persons qualified to give an evaluation of the applicant's past scholastic performance, research abilities, and personal motivation.
5. An official transcript of credits earned at all colleges and/or universities attended by the applicant.
6. Graduate Record Examination scores from the GRE General Test must be submitted by all applicants. Only scores for tests taken within 5 years prior to the entrance term are considered valid.
7. For international applicants, the following additional documentation is required:
 - a. Official TOEFL (Test of English as a Foreign Language) score is required for applicants whose native language is not English, unless the applicant has received an undergraduate degree from a U.S. college or university. A TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test or 79 on the Internet-based test is required. An official IELTS score can be submitted in lieu of TOEFL in which case a minimum overall band score of 6.0 is required.
 - b. Applicants with educational credentials from a non-U.S. institution must submit an official course-by-course transcript evaluation of that degree by one of the TSU approved transcript evaluation agencies.
 - c. An affidavit of financial support as required by the Office of International Admissions.

Degree Requirements

The overall requirements for the Doctor of Philosophy in Urban Planning and Environmental Policy are summarized as follows:

1. Completion of a total of fifty-four (54) credit hours. Of the 54 credit hours, twenty-one (21) credit hours are required core courses. In addition to the core requirements, students are required to take twelve (12) hours of their specialization and nine (9) hours of elective. The remaining credit hours are dissertation credits.
2. Of the total 54 credit hours, not more than six (6) non-dissertation credit hours can be transferred into the program from another university. Such transferred credits must have been earned in a doctoral program and must be of grade "B" (3.0) or better.
3. Passing of the comprehensive examination.
4. Completion of residency requirement.
5. Presentation and acceptance of dissertation proposal.
6. Successful completion and oral defense of the dissertation.
7. Presentation of at least one paper at a national conference or publication in a refereed journal.

Comprehensive Examination

The purpose of the comprehensive examination is to test the student's level of understanding in the areas of urban and regional theory, planning theory, quantitative methods, and environmental planning and policy. This examination is designed to evaluate the student's technical, diagnostic, and evaluative abilities within selected areas related to planning. Students are assigned to take the examination after the completion of all PhD course work. Any student who fails the comprehensive examination will have only one (1) chance for a retake.

Number of Times Comprehensive Can be Taken

A candidate will be given two attempts to take and pass the Comprehensive Examination. A doctoral student who fails the comprehensive examination the first time may petition for a second examination. The petition must show a plan of action in which the petitioner will engage to enhance his/her chances for satisfactorily completing the examination that was not passed. The exam committee and Department Chair must approve the petition. A student who fails to pass the doctoral comprehensive exam or any part of it after the second attempt will be automatically dismissed as a student in the doctoral degree program.

Doctoral Candidacy

The doctoral student must satisfy the following requirements before he/she can be admitted to candidacy for the degree:

1. Be admitted unconditionally to the Doctor of Philosophy in Urban Planning and Environmental Policy (UPEP) degree program.
2. Satisfy the residency requirement of two consecutive semesters of full-time (9 credit hours) residence or an approved equivalence.
3. Satisfy the course requirements for the degree program in which he/she enrolled, including the forty-two (42) non-dissertation semester hours of approved graduate-level course work.
4. Pass the doctoral comprehensive examination.

Dissertation and Oral Defense

The dissertation serves a number of purposes, among them, satisfying the academic community, the university, and the supervisory committee

that the student is capable of undertaking and successfully completing independent, scholarly research on a problem of significance to urban planning and environmental policy. Hence, concerted work on the dissertation will not begin until the student has passed the comprehensive examination. A successful dissertation will require original research and will be expected to produce significant advances in knowledge of the field.

After achieving candidacy, the candidate in consultation with the advisor will select and submit for approval the names of members for a dissertation committee to the Dean of the Graduate School. The committee will consist of at least three graduate faculty members, inclusive of the dissertation Chair. The Chair must be a faculty member from the UPEP Department.

In addition, the Dean of the School of Public Affairs will appoint a graduate school representative to the committee. When the dissertation proposal has been defended and approved the dissertation committee, the candidate will prepare a dissertation and upon its completion, give an oral defense before the committee. If the defense fails, the candidate must petition the Dean through his department for permission to make a second defense. A second defense will not be permitted within a period of one semester after a failure is recorded on the first attempt.

Dissertation

The dissertation serves a number of purposes, among them, satisfying the academic community, the university, and the supervisory committee that the student is capable of undertaking and successfully completing independent, scholarly research on a problem of significance to urban planning and environmental policy. Hence, concerted work on the dissertation will not normally begin until the student has passed the comprehensive examination. A successful dissertation will require original research and will be expected to produce significant advances in knowledge of the subject.

Time Limit for the Completion of the Doctor of Philosophy Degree

After being admitted to a program leading to the Doctor of Philosophy degree, a student will be allowed seven calendar years in which to complete all the program requirements.

A student's Doctoral Degree Advisory Committee and the Dean of the Graduate School can approve, under extenuating circumstances, continuation in the doctoral degree program beyond the seven-year limit. The maximum time allowed to complete the doctoral program, including an approved extension, is nine (9) calendar years. This time limit does not include work performed as part of the requirements for the master's degree. Credits earned more than seven (7) years prior to the date of completion of doctoral degree requirements cannot count toward satisfying the doctoral degree requirements, unless a student has been given special permission by the Dean of the Graduate School.

Standards of Performance

To continue in the program, a student must make reasonable and timely progress toward the degree in terms of course work completed and examinations. A determination that a student is not making satisfactory progress and should be terminated from the program may be made at several points in his or her program, including failure to achieve and maintain a doctoral GPA of at least 3.00, failure to pass twelve (12) credit hours within a twelve-month period, failure of the qualifying or comprehensive examinations, or failure to defend successfully a dissertation proposal or dissertation. In all such cases,

a recommendation of dismissal must be made to the Admission Committee and Program Coordinator, both of whom will review the case and issue a final decision regarding termination from the program.

All doctoral students in urban planning and environmental policy will be required to take twenty-one (21) semester credit hours of core courses in three (3) areas (Sustainable Environmental and Land Use Planning, Community Development and Housing, Spatial Analysis and Mobility Planning) and participate in the doctoral research curriculum. The core curriculum is designed to provide all students with a general introduction to planning through analytical methods, planning techniques and environmental issues and policies. The core curriculum consists of twenty-one (21) hours as shown below:

Code	Title	Hours
	Core courses	21
	Specialization/Electives	21
	Dissertation	12
Total Hours		54

Core Curriculum Requirements

All doctoral students in urban planning and environmental policy will be required to take twenty-one (21) semester credit hours of core courses in three (3) areas (planning theory, methods and planning, and environmental policy) and participate in the doctoral research curriculum. The core curriculum is designed to provide all students with a general introduction to planning through analytical methods, planning techniques and environmental issues and policies. The core curriculum will consist of twenty-one (21) hours as shown below:

Code	Title	Hours
Planning Theory Requirements		
UPEP 900	Adv Pln Theory & Prac	3
UPEP 901	Adv Urb Theory	3
Methods and Planning Requirements		
UPEP 902	Adv Pln Analysis	3
UPEP 903	Adv Pln Analysis II: Stats	3
Environmental Policy Requirements		
UPEP 904	Env Pln & Pol	3
UPEP 905	Env Pln & Natural Res Mgmt	3
UPEP 906	Env Monitor & Anal	3
Total Hours		21

College of Science, Engineering and Technology

Mission Statement

The College of Science, Engineering and Technology at Texas Southern University is dedicated to integrating sciences and contemporary technologies, through education, scholarly activities, and community service, and meeting the needs of a diverse graduate and undergraduate student population while addressing critical urban issues within a global economy.

As an instructional agent of the University, the College of Science, Engineering and Technology has an additional service mission as stated below:

1. To provide students of varied scholastic levels access to higher education by providing the academic foundations necessary for accessing educational programs at the University.
2. To prepare competent professionals and leaders capable of providing effective service and developing solutions to the problems of the nation and the world, especially in urban environs.

In pursuing its missions, the College embraces the following goals:

1. Provide High Quality Instruction
2. Perform Basic and Applied Research
3. Engage in Community Service
4. Optimize enrollment of college-ready undergraduate students and enhance graduate student enrollment
5. Strive for steady increase in external funding
6. Ensure that the College's administrative units function effectively and efficiently so that they support the mission of the College and the University

Admission Policies

Applicants wishing to enroll in one of the programs of study leading to graduate degrees offered through the College of Science, Engineering and Technology must gain admission to Texas Southern University through adherence to the policies and procedures established by the Graduate School.

Student Organizations

Student participation in a number of professional organizations and societies having student affiliated chapters on the Campus is encouraged. The principle organizations operating in the College are listed below:

- American Chemical Society Student Chapter (ACS)
- Beta Beta Beta Biological Honor Society
- Beta Kappa Chi Scientific Honor Society
- Chinese Students and Scholars Association (CSSA)
- Conference of Minority Transportation Officials (COMTO)
- Cyber Internet Security Student Association
- Environmental Student Club (ESC)
- Environmental Toxicology Graduate Students Association (ETGSA)
- Institute of Transportation Engineers (ITE)
- Intelligent Transportation Society of Texas (ITSA), TSU Student Chapter
- Mobil Application Development (MAD) Group
- National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE)
- National Society of Black Engineers (NSBE) Student Chapter
- National Technical Association (NTA) TSU Student Chapter
- Texas Southern Computing Society (TSCS)
- Texas Southern University Chemistry Club
- Texas Southern University Student Chapter of Society of Environmental Toxicology and Chemistry (SETAC)
- Texas Southern University Society of Young Engineers (SYE)

Students should seek additional information on these organizations through the Office of the Dean or through the Department offices in the College.

- Biology, Master of Science (p. 606)
- Chemistry, Master of Science (p. 608)
- Computer Science Plan A. (Thesis Option), Master of Science (p. 611)
- Computer Science Plan B. (Non-Thesis option), Master of Science (p. 612)
- Environmental Toxicology (Non-Thesis Option), Master of Science (p. 618)
- Environmental Toxicology (Thesis Option), Master of Science (p. 619)
- Environmental Toxicology, Doctor of Philosophy (p. 620)
- Mathematics, Masters of Science (p. 624)
- Transportation Planning and Management (Non-Thesis Option), Master of Science (p. 628)
- Transportation Planning and Management (Thesis Option), Master of Science (p. 631)

Department of Biology

The Department of Biology offers one graduate degree, the Masters of Science in Biology. This degree is primarily designed to:

1. Prepare students who will seek further advanced (e.g., Doctor of Philosophy (Ph.D.) degrees in related areas of research specialization in the biological sciences.
2. Prepare those who wish to teach biology in public and private schools and two- and four-year colleges and universities.
3. In collaboration with the Department of Curriculum and Instruction, prepare teachers interested in achieving professional certification for teacher of biology at the secondary school level.
4. Prepare those who wish to seek career advancement in government, industry and related areas with applicable, research- based credentials.

In summary, this program is designed to provide instructional enhancement to meet the needs of teachers, practitioners, and others who wish to supplement their undergraduate education and expand their research capabilities in biology through study beyond the master's degree.

- Biology, Master of Science (p. 606)

Advanced Undergraduate/Graduate

BIOL 452 Intermediary Cellular Metabol (3 Credits)

Intermediary and Cellular Metabolism (3) Quantitative bioenergetics; patterns of breakdown and synthesis of cellular metabolite; metabolic and hormonal regulations; integration and pathological disorders; and relevance of metabolism to medicine. Three hours of lecture per week. Prerequisite: BIOL 340.

Prerequisite(s): BIOL 340

College/School: Col of Science, Engr & Tech

Department: Department of Biology

Graduate

BIOL 526 Topics In Biology (3 Credits)

Topics in Biology (3) Discussion of published papers covering a broad spectrum of biological disciplines. Three (3) hours of lecture a week. (Prerequisite: Graduate standing in biology, chemistry or toxicology).

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 527 Adv Plant Physiology (3 Credits)

Advanced Plant Physiology (3) Consideration of the chemistry and biochemistry of plant growth and development with emphasis on growth regulators, plant mineral nutrition, nitrogen-fixation, photosynthesis and photoperiodism. Three (3) hours of lecture a week. (Prerequisite: Graduate standing in biology, chemistry or toxicology).

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 528 Hist Of Sciences (2 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 534 Entomology (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 534L Entomology Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 623 Neurobiology (3 Credits)

Neurobiology (3) Structure and function of the brain and of the nervous system as a whole with emphasis on cellular and molecular mechanisms. Lectures, discussion, student reports. Three (3) hours of lecture per week. (Prerequisite: Graduate standing in biology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 631 Diagnostic Bacteriology (3 Credits)

Diagnostic Bacteriology (3) Fundamental training in isolation and identification of microorganisms obtained from a clinical laboratory specimen. One (1) hour of lecture per week and two (2) three-hour laboratory classes. (Prerequisite: BIOL 347)

Prerequisite(s): (BIOL 347)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 631L Diag Bact Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 636 Endocrinology (3 Credits)

Endocrinology (3) Through lectures and discussions an examination of the glands of internal secretion with special reference to humans. Three (3) hours of lecture per week. (Prerequisite: Graduate standing in biology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 645 Animals In Biomed Research (4 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 645L Animals Biomed Res Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 647 Experimental Biology (4 Credits)

Experimental Biology I (4) Current topics in biological research utilizing published literature as lecture material and as the basis for student presentations and experimentation. One (1) hour of lecture and four (4) hours of laboratory a week. (Prerequisite: Graduate standing in biology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 647L Experimental Biol Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 648 Experimental Biology (4 Credits)

Experimental Biology II (4) A continuation of Biology 647, emphasizing the application of modern biological, chemical and physical methods to the study of the biological sciences. One (1) hour of lecture and four (4) hours of laboratory a week. (Prerequisite: Graduate standing in biology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 648L Experimental Biol Lab (0 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 650 Enzymology (3 Credits)

Enzymology (3) A study of enzyme classification, structure, kinetic models, rapid and relaxation kinetics for complex enzyme mechanisms. Three (3) hours of lecture. (Prerequisite: Graduate standing in biology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 710 Microbial Genetics (3 Credits)

Microbial Genetics (3) An examination of the nature, expression and regulation of the genetic process in microorganisms. Three (3) hours of lecture a week; (Prerequisite: Graduate standing in biology).

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 712 Biosynthetic Mech (3 Credits)

Biosynthetic Mechanisms (3) Molecular processes involved in the DNA function, biosynthesis replication, translation, transcription; biochemical mechanisms in RNA synthesis and protein biosynthesis. Molecular aspects of evolution and carcinogenesis. Three (3) hours of lecture a week. (Prerequisite: Graduate standing in biology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 715 Advanced Human Genetics (3 Credits)

Advanced Human Genetics (3) Comprehensive treatment of various normal aspects of human heredity as well as those aspects due to abnormal inheritance causing malfunctioning in metabolism. Three (3) hours of lecture a week. (Prerequisite: Graduate standing in biology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 725 Biochemical Ecology (3 Credits)

Biochemical Ecology (3) An advanced in depth biochemical study of structure and function of ecosystems and of their changes due to natural and anthropogenic causes. Three (3) hours of lecture a week. (Prerequisite: Graduate standing in biology, chemistry, or toxicology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 735 Tech in Electron Microscopy (4 Credits)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 775 Bio-Organic Chemistry (3 Credits)

Bio-Organic Chemistry (3) A comprehensive treatment of the structure and function of various organic compounds occurring in living organisms. Three (3) hours of lecture a week. (Prerequisite: Graduate standing in biology, chemistry, or toxicology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 777 Biophysics (3 Credits)

Biophysics (3) A comprehensive treatment of the concepts in physics and physical chemistry as applicable to biological systems. Three (3) hours of lecture a week. (Prerequisite: Graduate standing in biology or chemistry)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 785 Adv Plant Physic & Biochem (3 Credits)

Advanced Plant Physiology and Plant Biochemistry (3) An indepth treatment of photosynthesis, photoperiodism, nitrogen-fixation and plant molecular biology. Three (3) hours of lecture a week. (Prerequisite: Graduate standing in biology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 795 Graduate Biology Seminar (3 Credits)

Graduate Biology Seminar (3) Review and indepth critical discussion of current published papers in selected areas of biological and biochemical sciences. Three (3) hours of presentation a week. (Prerequisite: Graduate standing in biology, chemistry, or toxicology)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 861 Research Problems I (3 Credits)

Research Problems (3) An individual investigation of a specific research problem in biological sciences through literature search and laboratory experimentation. Consent of the Department. Supervised by members of the Graduate Faculty.

College/School: Col of Science, Engr & Tech

Department: Department of Biology

BIOL 862 Research Problems II (3 Credits)

Research Problems II (3) A continuation of BIOL 861. Required of all candidates for the degree of Master of Science in Biology. An individual investigation of a specific research problem in biological sciences through literature search and laboratory experimentation. Consent of the Department. Supervised by members of the Graduate Faculty. (Prerequisite: BIOL 861).

Prerequisite(s): (BIOL 861)

College/School: Col of Science, Engr & Tech

Department: Department of Biology

Biology, Master of Science

Admission Requirements

In addition to meeting the previously stated general requirements for admission to the Graduate School of Texas Southern

University, applicants for admission to graduate standing within the department must present verified proof of having completed the following:

1. Graduation with a Bachelor of Science Degree in a Biological Science or related academic area.
2. A satisfactory sequence of courses in the natural and physical sciences to minimally include the following:

Code	Title	Hours
Biology		
	Thirty-one semester credit hours of biology coursework	31
Chemistry		
	General Chemistry with laboratory	8
	Organic Chemistry with laboratory	8
Mathematics		
	College Algebra	3
	Pre-Calculus	3
	Calculus	4
Physics		
	College or University Physics I and II with laboratory	8

3. An undergraduate grade point average (GPA) of 3.0 on a 4.0 system. Transcripts from international academic institutions must have been evaluated by a recognized, appropriate agency.

Degree Requirements

1. A Comprehensive Examination based upon a required core set of courses offered during the first year in the M.S. Program. This examination is to be given during the third semester following their admission into the graduate program. Students must achieve a minimum passing score of 70 percent on each of the four (4) areas covered. If a score of less than 70 percent is earned in any of the four areas, a retest will be given in said area. Students will only be allowed one retake in a given area. Additionally, students not meeting this standard will not be allowed to proceed to the research phase of the program.
2. Demonstration of proficiency in English prior to admission to candidacy either by a score of 3.5 on the analytical writing section of the GRE or by satisfactory performance in English 501. GRE or English requirements must be met by the end of the first semester of admission.
3. A minimum of thirty (30) semester credit hours, six (6) of which might be earned in research.
4. During the first semester after entering the program, the student should consult with the graduate faculty with the goal of selecting a mentor and laboratory for research studies.
5. Once a committee has been chosen, students should meet with their thesis committee members on a regular basis throughout their research study. Students must meet with set committee at the end of the semester prior to their thesis defense.
6. An acceptable thesis resulting from approved, independently conducted and lab-based research. The thesis research may not be initiated prior to admission to candidacy, and it remains the responsibility of the student to seek acceptance into ongoing research efforts led by research mentors.
7. Completion and presentation (through an oral defense) of one's thesis to a committee composed of members of the Departmental Graduate faculty and a representative of the Graduate School.

In addition to the program described above for the Master of Science degree, the Department of Biology, in cooperation with the Department of Curriculum and Instruction in the College of Education, participates in a program for teachers interested in achieving professional certification for teachers of biology at the secondary school level.

The Department of Biology offers the Master of Science degree, which requires a minimum of thirty (30) semester credit hours including

an acceptable research project. Students must meet the general requirements for all graduate students as prescribed in this bulletin. Degree plans must be approved by the graduate program advisor prior to submission to the Graduate School.

This program is designed to provide instructional enhancement to meet the needs of teachers, practitioners and others who wish to supplement their undergraduate education and expand their research capabilities in biology through study beyond the master's degree.

Summary

Code	Title	Hours
	Core Curriculum Requirements (p. 607)	6
	Electives (p. 607)	18
	Thesis (p. 607)	6
Total Hours		30

Core Curriculum

Code	Title	Hours
BIOL 452	Intermediary Cellular Metabol ¹	3
BIOL 715	Advanced Human Genetics	3
Total Hours		6

¹ BIOL 452 Intermediary Cellular Metabol is an advanced undergraduate course and will be offered temporarily as part of the Core Curriculum until a more permanent replacement is assigned.

Electives

Code	Title	Hours
Select eighteen (18) credits from the following:		18
BIOL 526	Topics In Biology	
BIOL 527	Adv Plant Physiology	
BIOL 534	Entomology	
BIOL 631	Diagnostic Bacteriology	
BIOL 623	Neurobiology	
BIOL 636	Endocrinology	
BIOL 647	Experimental Biology	
BIOL 648	Experimental Biology	
BIOL 650	Enzymology	
BIOL 710	Microbial Genetics	
BIOL 712	Biosynthetic Mech	
BIOL 725	Biochemical Ecology	
BIOL 775	Bio-Organic Chemistry	
BIOL 777	Biophysics	
BIOL 785	Adv Plant Physic & Biochem	
BIOL 795	Graduate Biology Seminar	
Total Hours		18

Thesis

Code	Title	Hours
BIOL 861	Research Problems I	3
BIOL 862	Research Problems II	3
Total Hours		6

Degree Plan

Course	Title	Hours
First Semester		
BIOL 452	Intermediary Cellular Metabol	3
BIOL Elective		3
BIOL Elective		3
Hours		9
Second Semester		
BIOL 715	Advanced Human Genetics	3
BIOL Elective		3
BIOL Elective		3
Hours		9
Third Semester		
BIOL Elective		3
BIOL 861	Research Problems I	3
Hours		6
Fourth Semester		
BIOL Elective		3
BIOL 862	Research Problems II	3
Hours		6
Total Hours		30

Allocation of Thirty Semester Credit Hour Course Requirements

General Requirements: a minimum of thirty (30) semester credit hours, of which six (6) hours of thesis research credit should be satisfied by taking Biology 8361 and 8362.

Department of Chemistry

The Department of Chemistry offers the Master of Science in Chemistry. It is designed to:

1. Prepare students for additional study toward the Ph.D. degree.
2. Prepare well-trained chemists for positions in industry and governmental agencies.
3. Provide continuing education for working chemists.
4. Provide upper-level service courses for public school and junior college teachers seeking either a professional certificate or the M.Ed. degree for teachers of chemistry offered through the College of Education.

- Chemistry, Master of Science (p. 608)

Graduate

CHEM 531 Advanced Inorganic Chemistry (3 Credits)

ADVANCED INORGANIC CHEMISTRY (3) A study of atomic structure; chemical bonding, including valence-bond, molecular orbital, crystal field, and ligand-field theories; stereochemistry and the chemistry of coordination compounds. Three (3) lecture hours per week. (Prerequisite: Approval of the graduate advisor)

Prerequisite(s): (CHEM 232 and CHEM 332)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 533 Organic Reactions (3 Credits)

ORGANIC REACTIONS (3) A detailed study of the mechanisms associated with the important substitution, elimination, and addition reactions of aliphatic and aromatic molecules. Three (3) lecture hours per week.

(Prerequisite: CHEM 232)

Prerequisite(s): (CHEM 232)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 543 Advanced Analytical Chem (3 Credits)

ADVANCED ANALYTICAL CHEMISTRY (3) An in-depth study of the principles of ionic equilibria, acid-base chemistry, oxidation-reduction, and precipitation as they apply to processes occurring in both aqueous and non-aqueous media. Three (3) lecture hours per week. (Prerequisite: Approval of the graduate advisor or the department chair)

Prerequisite(s): (CHEM 332)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 623 Topics In Chemistry (3 Credits)

SPECIAL TOPICS (3) Consideration of special topics in chemistry. Three (3) lecture hours per week. (Prerequisite: Approval of the graduate advisor or the department chair)

Prerequisite(s): (CHEM 432)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 624 Topics In Chemistry (3 Credits)

SPECIAL TOPICS (3) Consideration of special topics in chemistry. Three (3) lecture hours per week. (Prerequisite: Approval of the graduate advisor or the department chair)

Prerequisite(s): (CHEM 432)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 625 Spec Topics In Chem (3 Credits)

SPECIAL TOPICS (3) Consideration of special topics in chemistry. Three (3) lecture hours per week. (Prerequisite: Approval of the graduate advisor or the department chair)

Prerequisite(s): (CHEM 432)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 633 Advanced Organic Chemistry (3 Credits)

ADVANCED ORGANIC CHEMISTRY (3) A study of the mechanisms of reactions of aliphatic and aromatic molecules; both carbocyclic and heterocyclic systems are considered. The effects of changes in structure and stereochemistry on the rate of reaction are also discussed. Three (3) lecture hours per week. (Prerequisite: Approval of the graduate advisor or the department chair)

Prerequisite(s): (CHEM 432)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 634 Adv Organic Chem (3 Credits)

ADVANCED ORGANIC CHEMISTRY (3) A continuation of CHEM 633. Three (3) lecture hours per week. (Prerequisite: CHEM 633)

Prerequisite(s): (CHEM 432 and CHEM 633)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 635 Advanced Physical Chemistry (3 Credits)

ADVANCED PHYSICAL CHEMISTRY (3) A discussion of important concepts in thermodynamics. Three (3) lecture hours per week.

(Prerequisite: Approval of the graduate advisor or the department chair)

Prerequisite(s): (CHEM 432)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 636 Advanced Physical Chemistry (3 Credits)

ADVANCED PHYSICAL CHEMISTRY (3) A discussion of fundamental quantum chemistry and other advanced topics in physical chemistry.

(Prerequisite: Approval of the graduate advisor or the department chair)

Prerequisite(s): (CHEM 432)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

CHEM 861 Research Problems (3-6 Credits)

RESEARCH PROBLEMS (3) An individual investigation of a specific problem in chemistry by laboratory experiments or by an exhaustive study of the literature. The results of this work will constitute the student's thesis for the M.S. degree. (Prerequisite: Approval of the graduate advisor or the department chair)

Prerequisite(s): (CHEM 432)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

Chemistry, Master of Science

Admission Criteria

In addition to the general requirements for admission to the Graduate School (see the General Information Section of this bulletin), applicants for admission to graduate standing in chemistry are expected to present evidence of having completed the following courses with the indicated semester credit hours :

Code	Title	Hours
	General inorganic chemistry with laboratory	8
	General organic chemistry with laboratory	8
	Quantitative analysis with laboratory	4
	Elementary physical chemistry with laboratory	8
	Instrumental methods of analysis	3
	College Physics	6
	Differential and integral calculus	6

A diagnostic examination or qualifying examination covering the fundamentals of chemistry is required of all applicants prior to official admission to candidacy for the Master of Science in Chemistry degree. Only two attempts to pass this examination are permitted.

Degree Requirements

The requirements for the Master of Science in Chemistry are summarized below:

1. Satisfactory performance on the qualifying examination.
2. Completion of a total of thirty (30) semester credit hours of graduate level courses (usually 500 level or above). A minimum of twenty-four (24) of these credit hours must be in chemistry, including six (6) hours of research (CHEM 861 Research Problems taken twice). The remaining six (6) hours may be taken in related disciplines such as biology and/ or mathematics.

- Completion and presentation (through an oral defense) of a thesis to a committee composed of members of the Department of Chemistry and representatives of the Graduate School.
- Fulfillment of general requirements for graduation as outlined by the Graduate School (see the General Information Section of this bulletin).

Persons wishing to acquire the Professional Certificate for Teachers of Chemistry or wishing to earn the M.Ed. for Teachers of Chemistry should contact an advisor in the College of Education.

Curriculum Summary Degree Plan

Students must meet the general requirements for all graduate students as prescribed in this bulletin. Degree Plans must be approved by the graduate program advisor prior to submission to the Graduate School.

Master of Science (Thesis)

This plan is designed to provide instructional enhancement to meet the needs of teachers, practitioners and others who wish to supplement their undergraduate education and expand their research capabilities in chemistry through study beyond the master's degree.

Allocation of Thirty Semester Hour Course Requirements Summary

General Requirements: Minimum thirty (30) semester credit hours and a research project (thesis).

Code	Title	Hours
	General Core Curriculum (p. 609)	18
	Electives (p. 609)	12
Total Hours		30

General Core Curriculum Requirements

Code	Title	Hours
CHEM 531	Advanced Inorganic Chemistry	3
CHEM 543	Advanced Analytical Chem	3
CHEM 633	Advanced Organic Chemistry	3
CHEM 635	Advanced Physical Chemistry	3
CHEM 861	Research Problems ¹	6
Total Hours		18

¹ Enroll twice

Electives

Code	Title	Hours
Select twelve credit hours from the following:		12
CHEM 445	Biochemistry ¹	
CHEM 499	Seminar ¹	
CHEM 533	Organic Reactions	
CHEM 623	Topics In Chemistry	
CHEM 624	Topics In Chemistry	
CHEM 625	Spec Topics In Chem	
CHEM 634	Adv Organic Chem	

CHEM 636	Advanced Physical Chemistry	
MATH 439	Introduction to Analysis ¹	
MATH 577	Fourier Series	
MATH 578	Laplace Transforms	
Total Hours		12

¹ Undergraduate/graduate credit

Approved selected ES (Environmental Toxicology) courses.

Department of Computer Science Computer Science, M.S.

The M.S. in Computer Science has been designed to provide a flexible graduate curriculum for students who matriculate through its associated degree program. The main objectives in offering this degree are as follows:

- Prepare students for successful and productive careers as specialized CS professionals in industry and society.
- Prepare students for positions in research and development (R&D) and for leadership roles in industry,
- Prepare students to continue into advanced graduate studies (PhD) in computer science.
- Prepare students with the necessary skills and ethics to function in a dynamic multidisciplinary technological environment and serve their community

Students who matriculate from the Department of Computer Science Master's program will be able to:

- formulate and solve advanced software applications;
 - apply knowledge in a specialized area of the discipline;
 - compile, analyze and document research literature;
 - design and conduct research projects;
 - communicate ideas effectively by completing a graduate project or thesis involving an investigative computer science project, together with oral and written examinations;
 - undertake doctoral studies in the field of Computer Science
 - understand the role, ethics and responsibility of computer scientists in society;
- Computer Science Plan A. (Thesis Option), Master of Science (p. 611)
 - Computer Science Plan B. (Non-Thesis option), Master of Science (p. 612)

CS 511 Alg Anal & Data Str (3 Credits)

Algorithmic Analysis and Data Structures (3) Design, implementation, and analysis of abstract data types; data structures and their algorithms. Also included are data and procedural abstraction, linked lists, stacks, queues, binary trees, priority queues, heaps, searching, and sorting. Specific algorithmic design techniques to be addressed are divide and conquer, the greedy method, backtracking, branch-and-bound, and dynamic programming. Three (3) hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 531 Comp Arch (3 Credits)

Advanced Computer Architectures (3) Architecture of computer hardware, including memory hierarchies, I/O mechanisms, instruction set and data level parallelism, symbolic computation, multiprocessor networks and consistency, and performance modeling. Operational units and their interconnections, which result from architectural specifications are discussed. Also included are memory hierarchies, pipelining, RISC vs. CISC architectures, super scalar processors, and microprogramming. (Contemporary illustrations included). Three (3) hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 541 Operating Systems (3 Credits)

Advanced Operating Systems (3) Discussion of design principles and construction techniques for operating systems. Also included are kernel, process management, memory management, multi-threading, auxiliary storage management, and resource allocation. Comparative structures of different kinds of operating systems included. Three (3) hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 545 Computer Networks (3 Credits)

Computer Networks (3) Presentation of functions required to operate computer communications networks and methodology procedures for implementing these functions. Broad area of wireless data networks addressed. Other topics included ad hoc radio nets, wireless LAN's, 2.5 G and 3 G cellular network architectures, and Internet protocols. Main focus on the TCP and network layer. Prerequisite: consent of the instructor or undergraduate course in networking. Three (3) hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 547 Cryptography & Comp Sec (3 Credits)

Cryptography and Computer Security (3) Fundamentals of security principles; security policies; access control systems and methodology; identification, authentication, and accountability; computational number theory and cryptography; strategies of cryptography; and methods of cryptanalysis. Implications and relationships of security in different areas discussed along with applications. Prerequisite: Consent of the instructor. Three (3) hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 551 Theory of Computation (3 Credits)

Theory of Computation (3) Topics include finite automata; regular sets, expressions and their properties; push-down automata; standard, universal, and linear-bounded Turing machines; relationships between formal languages and automata; Church-Turing thesis; computational view of P and NP problems, undecidability and its consequences. Three (3) hours of lecture per week.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 553 Automata & Formal Lngs (3 Credits)

Formal Languages and Automata (3) In depth presentation of the foundations, design and implementation of programming languages. The major emphasis will be placed on formal specification of syntax and semantics and a variety of programming language paradigms including statement-oriented and procedural, logic, functional, object-oriented and parallel programming languages. (Prerequisite: Consent of the instructor. Three [3] hours of lecture per week.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 571 Artificial Intelligence (3 Credits)

Artificial Intelligence (3) In-depth study of artificial intelligence (AI) systems. Specific topics include intelligent agent, problem solving, knowledge representation and reasoning, uncertain knowledge and non-monotonic reasoning, uncertain reasoning and statistical methods, planning, machine learning, natural language processing, image processing, and robotics. (Prerequisite: Consent of the instructor. Three [3] hours of lecture per week.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 583 Data Mining (3 Credits)

Data Mining (3) Presentation of concepts of data mining, including applications, data preparation, model building and evaluation, scoring, data warehousing, architecture data capture, ETL, schema modeling, query design, and optimization. (Prerequisite: Consent of the instructor. Three [3] hours of lecture per week.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 591 Web Services (3 Credits)

Web Services (3) Provides understanding and experience in modeling essential aspects of Web-based business application systems, including basic processes to the analyze information requirements and to design appropriate solutions leading to web-based applications in an e-business environment. Emphasis on object-oriented analysis and design, client/server system development methods, and human-computer interaction techniques. (Prerequisite: Consent of the instructor. Three [3] hours of lecture per week.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 599 Graduate Seminar Computer Sci (1 Credits)

Graduate Seminar in CS (1 semester credit hour) A series of seminars held every semester in which students are exposed to various research topics in computer sciences. Students are required to attend these seminars and provide a written review to each topic presented.

Prerequisite: Consent of the instructor. One hour of seminar per week

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 645 Multimedia Networking (3 Credits)

This course explores recent advances in multimedia networking technologies. Topics covered include multimedia compression and standards, multimedia streaming over IP networks, quality of service (QoS) support mechanisms and protocols, IP multicasting, Voice over IP, IPTV, and internet multimedia applications. Three credit hours per week.

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 661 Adv Tps in Sfw Eng (3 Credits)

Advanced Topics in Software Engineering (3) Software measurement and analysis theory, applications, and techniques. Also included are process and product metrics, risk and hazard assessment, quality assurance certification techniques, COCOMO model for cost estimation, re-use, reengineering, and software safety. (Prerequisite: Consent of the instructor. Three [3] hours of lecture per week.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 681 Adv DB Mgmt Sys (3 Credits)

Advanced Database Management Systems (3) Advanced issues related to database design, data modeling and normalization, query optimization, functional dependencies, data integrity, and data security. (Prerequisite: Consent of the instructor. Three [3] hours of lecture per week.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 696 Special Topics in CS (3 Credits)

Special Topics in Computer Science (3) Consideration of contemporary topics and issues in computer science and associated technology. (Prerequisite: Consent of the instructor. Three [3] hours of lecture per week. This course can be repeated for different topics.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 697 Independent Master's Projt (3 Credits)

Independent Master's Project (3) Opportunity for students to do an independent in-depth study on a contemporary topic under the mentorship of a faculty member. Required of students pursuing the Plan B (nonthesis) option. (Prerequisites: Completion of eighteen [18] semester credit hours including core courses and satisfactory completion of the departmental Qualifying Examination.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 698 Mst Thes/Rsch I (1-3 Credits)

Master's Thesis Research I (1-3) Required independent research project under the mentorship of a faculty member that leads toward the completion of a written thesis for students pursuing the Plan A (thesis) option. (Prerequisites: Completion of eighteen [18] semester credit hours including core courses and satisfactory completion of the departmental Qualifying Examination.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

CS 699 Mst Thes/Rsch II (1-3 Credits)

Master's Thesis Research II (1-3) Continuation of CS 698. (Prerequisites: CS698.)

College/School: Col of Science, Engr & Tech

Department: Department of Computer Sci

Computer Science Plan A. (Thesis Option), Master of Science

Admission Requirements

Admission to the Program is accomplished in accord with the requirements for admission to the Graduate School at Texas Southern University. The entire admission process will be under the direction of the Graduate Committee in the Department of Computer Science and the Graduate Council in the Graduate School at the University.

For unconditional admission, the University requirements, as well as the Program requirements, are as follows:

1. Graduation with the bachelor's degree, or its equivalent, from an accredited college or university. An example of the "equivalent," as indicated may be an international student who has graduated from a college or university that issues a diploma or certificate instead of a degree.
2. A satisfactory undergraduate sequence of courses in the proposed major.

3. A grade point average in all undergraduate work of 2.50 (C+) or better or a grade point average of 3.0 for the last 60 semester hours of undergraduate course work.
4. A score on the aptitude section of the Graduate Record Examination that will be used in conjunction with other admission factors.
5. A score of at least 550 on the TOEFL, if the applicant has a degree from a non US university

Conditional admission may be given to applicants who do not satisfy all of the requirements for unconditional admission in accord with existing University procedures. However, final disposition of these cases ultimately rests with the Dean of the Graduate School.

In addition to the general requirements for admission referenced above, applicants for admission to graduate standing in Computer Science are expected to present evidence of having completed the following courses with the minimum number of semester credit hours indicated with grades of "C" or better:

Code	Title	Hours
	Object Oriented Programming/C++ or JAVA	3
	Computer Architecture /Computer Networks	3
	Data Structures	3

Degree Requirements

After successfully completing the course requirements to be described below, students admitted to the Program must pass a department-administered Qualifying Examination upon completion of those courses designated as "core courses" for the M.S. in Computer Science. This examination must be passed after no more than two attempts and prior to embarking upon a thesis, if the curriculum plan described below that requires a thesis (Plan A) is followed.

A student cannot be accepted to "candidacy status" for the M.S. in Computer Science until the Qualifying Examination is successfully completed.

An overall summary of the general requirements for the M.S. in Computer Science follows:

1. Completion of a total of thirty (31) semester credit hours in Computer Science (500 and 600 Level) as described in detail below through Plan A or Plan B with a grade point average of 3.00 or better.
2. Completion and presentation (through an oral defense) of a thesis to a committee composed of members of the Department of Computer Science and representatives of the Graduate School, if the Plan A curriculum of study is selected.
3. Completion of an application for graduation.

Curriculum Summary

In designing the overall curriculum of study for the M.S. in Computer Science, the guidelines for computer science curriculum content from the Association for Computing Machinery (ACM) were consulted. The ACM is a highly respected professional organization that has guided the development of computer science educational programs for many years. Essentially, the ACM recognizes a set of fourteen (14) content areas that represent the body of knowledge for computer science. These areas are as follows:

1. Discrete Structures (DS)
2. Programming Fundamentals (PF)

3. Algorithms and Complexity (AL)
4. Architecture and Organization (AR)
5. Operating Systems (OS)
6. Net-Centric Computing (NC)
7. Programming Languages (PL)
8. Human-Computer Interaction (HC)
9. Graphics and Visual Computing (GV)
10. Intelligent Systems (IS)
11. Information Management (IM)
12. Social and Professional Issues (SP)
13. Software Engineering (SE)
14. Computational Science (CN)

The M.S. in Computer Science, as proposed, requires the completion of thirty (31) semester credit hours to be completed over a two-year period. Students enrolled will have the option of either doing a thesis (Plan A) or not doing one (Plan B). For the Plan A curriculum, six (6) semester credit hours are devoted to original research, while Plan B curriculum requires the completion of six (6) extra elective credits and an independent Master's project.

For Plans A and B, 13 semester credit hours through five courses constitute a core curriculum that must be completed before a student is allowed to establish his/her candidacy for the M.S. Degree Plan A. If the student elects to follow Plan A, he/she is appointed a Thesis Advisor by the Chairperson of the Department of Computer Science in accord with the regulations of the Graduate School.

The five core courses address the first seven content areas of the fourteen total areas referenced by the ACM. The remaining content areas are addressed in elective offerings in accord with the backgrounds and research interests of the faculty members to anchor the overall graduate program.

Thus, the Plan A curriculum requires completion of 5 core courses for 13 semester credit hours, 4 elective courses for 12 semester credit hours, and 6 semester credit hours of thesis research for a total of 31 semester credit hours.

The five core courses are listed below. Reference is made to the ACM content area(s) addressed at the end of each course title.

Code	Title	Hours
CS 511	Alg Anal & Data Str (ACM content areas: PF, PL and AL)	3
CS 531	Comp Arch (ACM content area: AR)	3
CS 541	Operating Systems (ACM content areas: OS and NC)	3
CS 551	Theory of Computation (ACM content areas: DS and AL)	3
CS 599	Graduate Seminar Computer Sci (ACM content areas: NC, HC, and PL)	1
Total Hours		13

The following courses are intended as electives for the degree program with ACM content areas noted:

Code	Title	Hours
CS 545	Computer Networks (ACM content areas: NC and OS)	3

CS 547	Cryptography & Comp Sec (ACM content areas: SP and NC.)	3
CS 553	Automata & Formal Lngs (ACM content areas: PL, AL)	3
CS 571	Artificial Intelligence (ACM content area: IS)	3
CS 583	Data Mining (ACM content area: IM)	3
CS 591	Web Services (ACM content areas: NC, HC, and PL)	3
CS 661	Adv Tps in Sfw Eng (ACM content area: SE)	3
CS 681	Adv DB Mgmt Sys (ACM content area: IM)	3
CS 696	Special Topics in CS (ACM content areas: All Possible)	3
CS 697	Independent Master's Pjrt (ACM content areas: All Possible)	3
CS 698	Mst Thes/Rsch I (ACM content areas: All Possible)	1-3
CS 699	Mst Thes/Rsch II (ACM content areas: All Possible)	1-3

Plan A-(Thesis) Degree Plan

Course	Title	Hours
First Year		
First Semester		
CS 511	Alg Anal & Data Str	3
CS 531	Comp Arch	3
CS Elective (500 or 600 level)		3
Hours		9
Second Semester		
CS 541	Operating Systems	3
CS 551	Theory of Computation	3
CS 599	Graduate Seminar Computer Sci	1
Hours		7
Second Year		
First Semester		
CS 698	Mst Thes/Rsch I	3
CS Elective (5XX or 6XX)		3
CS Elective (5XX or 6XX)		3
Hours		9
Second Semester		
CS 699	Mst Thes/Rsch II	3
CS Elective (5XX or 6XX)		3
Hours		6
Total Hours		31

Computer Science Plan B. (Non-Thesis option), Master of Science

Admission Requirements

Admission to the Program is accomplished in accord with the requirements for admission to the Graduate School at Texas Southern University. The entire admission process will be under the direction of the Graduate Committee in the Department of Computer Science and the Graduate Council in the Graduate School at the University.

For unconditional admission, the University requirements, as well as the Program requirements, are as follows:

1. Graduation with the bachelor's degree, or its equivalent, from an accredited college or university. An example of the "equivalent," as indicated may be an international student who has graduated from a college or university that issues a diploma or certificate instead of a degree.
2. A satisfactory undergraduate sequence of courses in the proposed major.
3. A grade point average in all undergraduate work of 2.50 (C+) or better or a grade point average of 3.0 for the last 60 semester hours of undergraduate course work.
4. A score on the aptitude section of the Graduate Record Examination that will be used in conjunction with other admission factors.
5. A score of at least 550 on the TOEFL, if the applicant has a degree from a non US university

Conditional admission may be given to applicants who do not satisfy all of the requirements for unconditional admission in accord with existing University procedures. However, final disposition of these cases ultimately rests with the Dean of the Graduate School.

In addition to the general requirements for admission referenced above, applicants for admission to graduate standing in Computer Science are expected to present evidence of having completed the following courses with the minimum number of semester credit hours indicated with grades of "C" or better:

Code	Title	Hours
	Object Oriented Programming/C++ or JAVA	3
	Computer Architecture /Computer Networks	3
	Data Structures	3

Degree Requirements

After successfully completing the course requirements to be described below, students admitted to the Program must pass a department-administered Qualifying Examination upon completion of those courses designated as "core courses" for the M.S. in Computer Science. This examination must be passed after no more than two attempts and prior to embarking upon a thesis, if the curriculum plan described below that requires a thesis (Plan A) is followed.

A student cannot be accepted to "candidacy status" for the M.S. in Computer Science until the Qualifying Examination is successfully completed.

An overall summary of the general requirements for the M.S. in Computer Science follows:

1. Completion of a total of thirty (31) semester credit hours in Computer Science (500 and 600 Level) as described in detail below through Plan A or Plan B with a grade point average of 3.00 or better.
2. Completion of a total of six (6) semester credit hours advanced electives (600 level) and an Independent Master's Project if the Plan B curriculum of study is selected.
3. Completion of an application for graduation.

Curriculum Summary

In designing the overall curriculum of study for the M.S. in Computer Science, the guidelines for computer science curriculum content from

the Association for Computing Machinery (ACM) were consulted. The ACM is a highly respected professional organization that has guided the development of computer science educational programs for many years. Essentially, the ACM recognizes a set of fourteen (14) content areas that represent the body of knowledge for computer science. These areas are as follows:

1. Discrete Structures (DS)
2. Programming Fundamentals (PF)
3. Algorithms and Complexity (AL)
4. Architecture and Organization (AR)
5. Operating Systems (OS)
6. Net-Centric Computing (NC)
7. Programming Languages (PL)
8. Human-Computer Interaction (HC)
9. Graphics and Visual Computing (GV)
10. Intelligent Systems (IS)
11. Information Management (IM)
12. Social and Professional Issues (SP)
13. Software Engineering (SE)
14. Computational Science (CN)

The M.S. in Computer Science, as proposed, requires the completion of thirty (31) semester credit hours to be completed over a two- year period. Students enrolled will have the option of either doing a thesis (Plan A) or not doing one (Plan B). For the Plan A curriculum, six (6) semester credit hours are devoted to original research, while Plan B curriculum requires the completion of six (6) extra elective credits and an independent Master's project.

For Plans A and B, 13 semester credit hours through five courses constitute a core curriculum that must be completed before a student is allowed to establish his/her candidacy for the M.S. Degree Plan A. If the student elects to follow Plan A, he/she is appointed a Thesis Advisor by the Chairperson of the Department of Computer Science in accord with the regulations of the Graduate School.

The five core courses address the first seven content areas of the fourteen total areas referenced by the ACM. The remaining content areas are addressed in elective offerings in accord with the backgrounds and research interests of the faculty members to anchor the overall graduate program.

The Plan B curriculum requires completion of four core courses for 13 semester credit hours, and 5 elective courses for 15 semester credit hours, and one course of independent master's project for 3 semester credit hours for a total of thirty (31) semester credit hours. These overall plans are designed for students to complete at Texas Southern University once admitted. Transfer students will not be recruited. However, in the event that a student wants to transfer credits from an accredited institution of higher learning to the University for use in fulfilling requirements for the M.S. in Computer Science, the Dean of the Graduate School must be contacted directly for review of the request. If the request for transfer credits is approved by the Dean, official notification is provided to the Office of the University Registrar to include these credits on the student's official transcript. The following two restrictions apply to these transfer credits: no more than six (6) semester credit hours may be transferred at the graduate level, and credits accepted for transfer must have been earned with grades of "B" (3.00) or better.

The five core courses are listed below. Reference is made to the ACM content area(s) addressed at the end of each course title.

Code	Title	Hours
CS 511	Alg Anal & Data Str (ACM content areas: PF, PL and AL)	3
CS 531	Comp Arch (ACM content area: AR)	3
CS 541	Operating Systems (ACM content areas: OS and NC)	3
CS 551	Theory of Computation (ACM content areas: DS and AL)	3
CS 599	Graduate Seminar Computer Sci (ACM content areas: NC, HC, and PL)	1
Total Hours		13

The following courses are intended as electives for the degree program with ACM content areas noted:

Code	Title	Hours
CS 545	Computer Networks (ACM content areas: NC and OS)	3
CS 547	Cryptography & Comp Sec (ACM content areas: SP and NC.)	3
CS 553	Automata & Formal Lngs (ACM content areas: PL, AL)	3
CS 571	Artificial Intelligence (ACM content area: IS)	3
CS 583	Data Mining (ACM content area: IM)	3
CS 591	Web Services (ACM content areas: NC, HC, and PL)	3
CS 661	Adv Tps in Sfw Eng (ACM content area: SE)	3
CS 681	Adv DB Mgmt Sys (ACM content area: IM)	3
CS 696	Special Topics in CS (ACM content areas: All Possible)	3
CS 697	Independent Master's Prjt (ACM content areas: All Possible)	3
CS 698	Mst Thes/Rsch I (ACM content areas: All Possible)	1-3
CS 699	Mst Thes/Rsch II (ACM content areas: All Possible)	1-3

Plan B-(Non-Thesis) Degree Plan

Course	Title	Hours
First Year		
First Semester		
CS 511	Alg Anal & Data Str	3
CS 531	Comp Arch	3
CS Elective (500 or 600 level)		3
Hours		9
Second Semester		
CS 541	Operating Systems	3
CS 551	Theory of Computation	3
CS 599	Graduate Seminar Computer Sci	1
Hours		7
Second Year		
First Semester		
CS Elective (5XX or 6XX)		3
CS Elective (5XX or 6XX)		3

CS Elective (5XX or 6XX)	3	
Hours		
9		
Second Semester		
CS 697	Independent Master's Prjt	3
CS Elective (5XX or 6XX)		3
Hours		
6		
Total Hours		
31		

Department of Environmental and Interdisciplinary Sciences

The **Environmental Toxicology** degree program is offered through the Graduate School and housed in the Department of Environmental and Interdisciplinary Sciences within the College of Science, Engineering and Technology. The program is interdisciplinary with support provided by faculty mainly from the College of Science, Engineering and Technology and the College of Pharmacy and Health Sciences.

The department offers two degree programs which lead to a Master of Science in Environmental Toxicology or a Doctor of Philosophy in Environmental Toxicology. In offering these degrees, the program is designed to:

1. Prepare students for professional careers in industry, government, and higher education
2. Produce independent, hypothesis-driven researchers
3. Prepare scientists who have knowledge of the basic mechanisms by which pollutants act in the natural environment.
4. Produce qualified graduates capable of conducting environmentally relevant research in the biological, chemical, or physical Sciences
5. Prepare professionals who are capable of making an impact on the environment by completing environmental risk assessments and developing appropriate environmental planning and management models that will be used in formulating environmental policy.
6. Train environmental toxicologists who are trained to anticipate, assess, and recommend action on a wide spectrum of environmental problems.
7. Increase the number of underrepresented minority researchers in the field of environmental toxicology.

- Environmental Toxicology (Non-Thesis Option), Master of Science (p. 618)
- Environmental Toxicology (Thesis Option), Master of Science (p. 619)
- Environmental Toxicology, Doctor of Philosophy (p. 620)

ES 701 Principles of Toxicology (3 Credits)

This course presents the fundamental and basic concepts of toxicology, including dose-response relationships, pathogenesis of toxic exposures, metabolism of toxicants, toxic kinetics, activation and detoxification mechanisms, biologic and chemical factors that influence toxicity, mechanisms of carcinogenesis and mutagenesis target organ toxicology, the principles of testing for toxic effects, epidemiology and concepts of risk assessment.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxico

ES 702 Environmental Toxicology I (3 Credits)

This course presents topics illustrating toxic chemicals, their occurrence, structure, and the reactions underlying detection, toxicity, fate, and ecological importance.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 703 Environmental Science (3 Credits)

This course will provide students with the scientific principles, concepts, and methodologies required to understand and identify environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 704 Aquatic Resources & Pollution (3 Credits)

This course presents a survey of global aquatic systems and resources and the impacts of mankind on these resources. Topics include impacts of chemicals on aquatic ecosystems and man's utilization of marine resources. Scientific method applied to the processes. Biota and history of the aquatic systems and major scientific breakthroughs will be explored.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 705 Environmental Policy & MGMT (3 Credits)

This course presents an examination of selected topics in the formulation and implementation of environmental policy with a principal emphasis on conceptual and methodological issues. Examination of recent research and practice in the evaluation of environmentally related policies, programs, and plans will be reviewed.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 707 Ground Water Contamination (3 Credits)

The emphasis of this course will be on acquiring extensive working knowledge of the concepts, principles and professional practices underlying groundwater pollution, hydrology and remediation.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 711 Air Pollution (3 Credits)

This course is designed to study the influence of man-caused pollution on the atmosphere and its effect on human health and economy. Techniques for the measurement of atmosphere pollutant concentrations and determination of local and regional air quality will also be covered. Detailed presentation of air pollution sources and methods for their control will be covered. The role of local, state and federal government in air pollution control will be reviewed.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 718 Special Topics Environ Tox (3 Credits)

Special topics will be assigned and discussed in relation to new findings and trends in environmental toxicological study and research. (Prerequisite: Consent of the professor)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 720 GIS for Environmental Sciences (3 Credits)

Geographical Information Systems for environmental sciences is an introductory course to the concepts and use of geospatial (GIS and GPS) technology. It involves introducing the hardware and software component of the GIS and review of GIS applications for the field of environmental study. 2 credit hours lecture and 1 credit hour lab.

College/School: College Of Pharmacy/Hlth Sci.

Department: Dept Environmental Toxio

ES 724 Research Problems (1-6 Credits)

This course provides supervised student research on approved problems suitable for the preparation of a thesis.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 730 Introduction to Remote Sensing Image Processing (3 Credits)

Introduction to remote sensing and image processing is designed to introduce and explore the basic applications of remotely sensed data in the evaluation of environmental problems. The course includes the theories and principles of remote sensing, types of sensors, identification and mapping the materials. 3 credit hours, 2 lecture and 1 lab.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 901 Environmental Toxicology (3 Credits)

ENVIRONMENTAL TOXICOLOGY (3) Topics illustrating toxic chemicals, their occurrence, structure, and the reactions underlying detection, toxicity, fate, and ecological importance.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 902 Environmental Toxicology II (3 Credits)

This course presents biochemical and physiological mechanisms underlying toxicity and detoxification. (Prerequisite: ES 702)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 903 General Ecology (3 Credits)

GENERAL ECOLOGY (3) Ecological principles of biological systems, emphasizing populations and ecosystems. Principles of growth, regulation, distribution, structure, energetics, and mineral cycles related to the evolution of biological systems and applications to selected human ecological problems. Field trips required.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 904 The Oceans (3 Credits)

THE OCEANS (3) Introductory survey of the marine environment. Oceanic physical-phenomena, chemical constituents geological history, and the sea's biota: Man's utilization of marine resources. Scientific method applied to the processes. Biota and history of the oceans and major scientific breakthroughs explored.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 905 Environmental Policy & Mgmt. (3 Credits)

ENVIRONMENTAL POLICY & MANAGEMENT (3) An examination of selected topics in the formulation and implementation of environmental policy, with a principal emphasis on conceptual and methodological issues. Examination of recent research and practice in the evaluation of environmentally related policies, programs, and plans.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 906 Environmental Geology (3 Credits)

This course presents a study of the influence of geologic processes and hazards on human activities. Emphasis will be placed upon topics of interest to students in environmental science and toxicology.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 907 Limnology (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 908 Sample Analysis (3 Credits)

This course presents the principles of the microanalysis of toxicants.

The course addresses theoretical microanalysis of toxicants, separation, detection, and quantitative determination of toxicants using chemical and instrumental methods. (Prerequisite: CHEM 332 Analytical Chemistry and consent of instructor)

Prerequisite(s): (CHEM 332)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 909 Sample Analysis Laboratory (3 Credits)

This course presents laboratory techniques for microanalysis of toxicants. The course addresses separation, detection, and quantitative determination of toxicants using chemical and instrumental methods.

(Prerequisite: ES 908 [may be taken concurrently] or by consent of instructor)

Prerequisite(s): (ES 908)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 910 Reproductive Toxicology (3 Credits)

This course introduces students into the field of reproductive toxicology. Specific topics include exposure to chemicals during pregnancy, the teratology of chemical exposure, folic acid and the classical and the environmental estrogen saga. Special attention is given to the interpretation of animal reproductive toxicity studies which form the basis for human risk assessment of chemicals.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 911 Gas Chrom & Mass Spec of Toxic (3 Credits)

GAS CHROMATOGRAPHY & MASS SPECTROMETRY OF TOXIC CHEMICALS (3) Application of GC and MS techniques to investigate toxic chemicals. Mass spectral fragmentation and their application to structural identification and structural elucidation. Practical application of GC/MS in current research. (Prerequisite: CHEM 453 or equivalent)

Prerequisite(s): (CHEM 453)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 912 Neurotoxicology (3 Credits)

This course presents mechanism of action of a number of different neurotoxins, including marine toxins, insecticides and heavy metals. The course gives examples of ways toxins may act on the nervous system and techniques for the study of neurotoxicology.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 913 Adv Simulation Modeling (3 Credits)

This course presents advanced techniques in simulation modeling, optimization and simulation, dynamic parameter estimation, linear model error propagation, and sensitivity testing; model evaluation in ecological and social systems.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 914 Modeling Laboratory (3 Credits)

Students must complete a series of exercises on advanced topics in modeling and a term project based on their graduate research.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 915 Adv Physical Chemistry (3 Credits)

This course presents principles and applications of statistical mechanics; ensemble theory; statistical thermodynamics of gases, solids, liquids, electrolyte solutions, polymers and chemical equilibriums. (Prerequisite: Chemistry 432 or equivalent)

Prerequisite(s): (CHEM 432)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 916 Chemistry of Natural Products (3 Credits)

This course presents advanced treatment of chemistry of naturally occurring compounds isolated from a variety of sources. Topics will include isolation, structure determination, chemical transformations, total synthesis, biological activity, and biosynthesis. (Prerequisite: CHEM 232 or equivalent)

Prerequisite(s): (CHEM 232)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 917 Bioorganic Chemistry (3 Credits)

BIOORGANIC CHEMISTRY (3) Structure and function of biomolecules; molecular recognition; enzyme reaction mechanisms; design of substrates for I enzymes; enzyme engineering; design of artificial enzymes and application of enzymes in organic synthesis. (Prerequisites: CHEM 232, CHEM 445 or equivalents)

Prerequisite(s): (CHEM 232)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 918 Special Topics (3 Credits)

SPECIAL TOPICS IN ENVIRONMENTAL TOXICOLOGY (3) Special topics will be assigned and discussed in relation to new findings and trends in environmental toxicological study and research. (Prerequisite: Consent of the professor)

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 919 Special Topics (3 Credits)

Special topics will be assigned and discussed in relation to new findings and trends in environmental toxicological study and research. (Prerequisite: Consent of the professor)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 920 Special Topics (3 Credits)

Special topics will be assigned and discussed in relation to new findings and trends in environmental toxicological study and research. (Prerequisite: Consent of the professor)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 921 Sem in Envir Toxicology (2 Credits)

This course discusses pertinent diverse issues related to the field of environmental toxicology based on reports, lectures and field experiences. Attendance and/or viewing with written reports on seminar presentations is required. (Prerequisite: Consent of the professor)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 922 Sem in Envir Toxicology (2 Credits)

This course discusses pertinent diverse issues related to the field of environmental toxicology based on reports, lectures and field experiences. Attendance and/or viewing with written reports on seminar presentations is required. (Prerequisite: Consent of the professor)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 923 Sem in Envir Toxicology (2 Credits)

This course discusses pertinent diverse issues related to the field of environmental toxicology based on reports, lectures and field experiences. Attendance and/or viewing with written reports on seminar presentations is required. (Prerequisite: Consent of the professor)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 924 Research Problems (3,6 Credits)

RESEARCH PROBLEMS - MASTER'S DEGREE STUDENTS (6) Supervised student research on approved problems suitable for the preparation of a thesis.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 925 Research & Dissertation (1-12 Credits)

This course provides supervised research and dissertation preparation.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 926 Internship (3-6 Credits)

This course provides supervised research and dissertation preparation.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 927 Biomedical Statistics (3 Credits)

This course will review the practices of research design and data collection and the use of statistics for data interpretation with emphasis on proper presentation of data in the scientific format.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 928 Toxicology I (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 929 Toxicology III (3 Credits)

This course examines the advanced concepts of toxicology. Distribution, absorption, metabolic conversion, and elimination of toxic agents are discussed. Mechanisms of injury to various body systems following exposure to toxic chemicals are explored at the systemic, organ, and cellular levels. Topics also include classes of toxicants, methods for detecting and evaluating their effects, and the scientific basis for risk estimation in humans.

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 930 Biochemistry (3 Credits)

Topics covered include chemical principles of biologic systems; chemical and physical properties of nucleotides, amino acids, proteins and water; protein structure and stability; introduction to steady-state kinetics; enzyme mechanism; controlling enzyme activity; metabolic circuitry; glucose transport and metabolism; pyruvate metabolism; the TCA cycle; electron flow and Ox- Phos; glycogen metabolism; gluconeogenesis and the pentose shunt; fatty acid catabolism and synthesis; disposal of nitrogen: the urea cycle; amino acid catabolism and synthesis; integrating metabolism: fed and fasted states and exercise; structure of nucleic acids; physical properties of nucleic acids, DNA replication and repair; transcription and its control; RNA processing and Translation.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 931 Ethics (3 Credits)

This course will enhance students' understanding of core ethical issues in research. Focus will be made on IRBs (Institutional Review Boards), IACUC (Institutional Animal Care and Use Committees), roles of ethical theories, principles, and human rights. Topics in scientific research will include elements of good science and conflicts of interest.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 932 Contemporary Topics in Toxicol (3 Credits)

College/School: Col of Science, Engr & Tech

Department: Dept Environmental Toxio

ES 933 Mutagenesis Carcinogenesis (3 Credits)

This course analyzes the modes by which organisms handle damage to DNA by physical and chemical agents, the mechanisms of converting damage to mutations, and the theoretical basis for carcinogenesis screening methods utilizing mutagenesis. Topics include systems for mutagenesis testing, mutational spectra, and inducible responses to DNA damage

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 934 Molecular Basis of Gene Action (3 Credits)

This course examines advanced topics related to prokaryotic and eukaryotic gene expression and regulation. Conventional and non-conventional cloning tools will also be discussed as they relate to gene expression. The course will also cover topics in genomics and transcriptomics.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 935 Stat Aspects of Risk Assessmen (3 Credits)

This course is designed to introduce the potential environmental toxicology specialist to the comprehensive coverage of environmental impact and risk assessment disciplines as tools to environmental planning and management, policy decision making and regulatory standard setting of exposure limits to toxic substances.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

ES 936 Occ & Environ Epidemiology (3 Credits)

This course will introduce students to environmental and occupational epidemiologic study designs, basic and novel methods of exposure assessment, and methodologies to improve study validity within this focus area.

College/School: Col of Science, Engr & Tech

Department: Department of Chemistry

Environmental Toxicology (Non-Thesis Option), Master of Science

Admission Criteria

Applicants must present Graduate Record Examination (GRE) scores (combined verbal and quantitative) which are considered along with the applicant's undergraduate grade point average that must be at least 2.75 overall or 3.0 in the last sixty (60) hours. In addition to the aforementioned requirements, the socioeconomic background of applicants will be considered in the admission process.

1. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
2. Applicant's status of first-generation to attend undergraduate school.
3. Applicant's status of first-generation to attend graduate or professional school.
4. Applicant is multilingual.
5. Applicant's employment while attending undergraduate school.
6. Applicant's role in helping rear other children in family.
7. Applicant's geographic residence in Texas at time of application.
8. Geographic region wherein applicant's high school is located.
9. Applicant's demonstration of performance in community activities.
10. Applicant's demonstration of commitment to a particular field of study.
11. The presence of role models with comparable graduate school training in the applicant's region of residence.
12. The applicant's performance during a personal interview.

The applicants are expected to present evidence of having completed the following courses with the indicated total semester credit hours (in parentheses):

Code	Title	Hours
	General Chemistry w/laboratory	8
	General Organic Chemistry w/laboratory	8
	Biology w/laboratory	8
	Physics	8
	Calculus	4
Total Hours		36

Degree Requirements Non-Thesis Track

The requirements for the Master of Science in Environmental Toxicology, non-thesis track, are summarized below:

1. Satisfactory performance on the Qualifying Examination.
2. Completion of a total of thirty-six (36) semester credit hours of graduate level credits. A minimum of nine (9) of these credit hours must be in core courses. A total of twenty-four (27) credit hours of electives must be taken.
3. Completion and presentation (through an oral defense) of a full review (paper) of an environmental toxicology issue to a committee composed of members of the environmental toxicology faculty.

4. Fulfillment of general requirements for graduation as outlined by the Graduate School (See the General Information Section of this bulletin).

Admission to Candidacy

Master's degree students will achieve candidacy after passing the qualifying examination, the English proficiency examination, and course work requirements.

Review of an Environmental Toxicology Issue

Students pursuing the master's degree in the non-thesis track must write and present paper based on an approved problem in environmental toxicology. The presentation of the paper will be made before a committee composed of members of the environmental toxicology faculty.

Core Courses

Code	Title	Hours
ES 702	Environmental Toxicology I	3
ES 902	Environmental Toxicology II	3
ES 927	Biomedical Statistics	3
Total Hours		9

Electives

Code	Title	Hours
ES 701	Principles of Toxicology	3
ES 703	Environmental Science	3
ES 704	Aquatic Resources & Pollution	3
ES 705	Environmental Policy & MGMT	3
ES 707	Ground Water Contamination	3
ES 718	Special Topics Environ Tox	3
ES 906	Environmental Geology	3
ES 908	Sample Analysis	3
ES 910	Reproductive Toxicology	3
ES 912	Neurotoxicology	3
ES 913	Adv Simulation Modeling	3
ES 914	Modeling Laboratory	3
ES 915	Adv Physical Chemistry	3
ES 916	Chemistry of Natural Products	3
ES 919	Special Topics	3
ES 920	Special Topics	3
ES 921	Sem in Envir Toxicology	2
ES 922	Sem in Envir Toxicology	2
ES 923	Sem in Envir Toxicology	2
ES 929	Toxicology III	3
ES 930	Biochemistry	3
ES 931	Ethics	3
ES 933	Mutagensis Carcinogenesis	3
ES 934	Molecular Basis of Gene Action	3
ES 935	Stat Aspects of Risk Assessmen	3
ES 936	Occ & Environ Epidemiology	3

Environmental Toxicology (Thesis Option), Master of Science

Admission Criteria

Applicants must present Graduate Record Examination (GRE) scores (combined verbal and quantitative) which are considered along with the applicant's undergraduate grade point average that must be at least 2.75 overall or 3.0 in the last sixty (60) hours. In addition to the aforementioned requirements, the socioeconomic background of applicants will be considered in the admission process.

1. Economic status of family when applicant attended elementary, secondary, and undergraduate school.
2. Applicant's status of first-generation to attend undergraduate school.
3. Applicant's status of first-generation to attend graduate or professional school.
4. Applicant is multilingual.
5. Applicant's employment while attending undergraduate school.
6. Applicant's role in helping rear other children in family.
7. Applicant's geographic residence in Texas at time of application.
8. Geographic region wherein applicant's high school is located.
9. Applicant's demonstration of performance in community activities.
10. Applicant's demonstration of commitment to a particular field of study.
11. The presence of role models with comparable graduate school training in the applicant's region of residence.
12. The applicant's performance during a personal interview.

The applicants are expected to present evidence of having completed the following courses with the indicated total semester credit hours (in parentheses):

Code	Title	Hours
	General Chemistry w/laboratory	8
	General Organic Chemistry w/laboratory	8
	Biology w/laboratory	8
	Physics	8
	Calculus	4
Total Hours		36

Degree Requirements

Thesis Track

The requirements for the Master of Science in Environmental Toxicology are summarized below:

1. Satisfactory performance on the Qualifying Examination.
2. Completion of a total of twenty-four (24) semester credit hours of graduate level courses. A minimum of nine (9) of these credit hours must be in core courses. A total of fifteen (15) credit hours of electives must be taken. Six (6) credit hours are required for the research thesis.
3. Completion and presentation (through an oral defense) of a thesis to a committee composed of members of the environmental toxicology faculty and representatives of the Graduate School.

4. Fulfillment of general requirements for graduation as outlined by the Graduate School (see the General Information Section of this bulletin).

Admission to Candidacy

Master's degree students will achieve candidacy after passing the qualifying examination, the English proficiency examination, and course work requirements.

Residency Requirement

Master's students will achieve residency after completing course requirements.

Thesis

Students pursuing the master's degree must write and defend a thesis based on research done on an approved problem in environmental toxicology. The defense of the thesis will be made before the student's thesis committee.

Core Courses

Code	Title	Hours
ES 702	Environmental Toxicology I	3
ES 902	Environmental Toxicology II	3
ES 927	Biomedical Statistics	3
Total Hours		9

Thesis (6 SCH)

Code	Title	Hours
ES 724	Research Problems	1-6

Electives (15 SCH)

Code	Title	Hours
ES 701	Principles of Toxicology	3
ES 703	Environmental Science	3
ES 704	Aquatic Resources & Pollution	3
ES 705	Environmental Policy & MGMT	3
ES 707	Ground Water Contamination	3
ES 718	Special Topics Environ Tox	3
ES 906	Environmental Geology	3
ES 908	Sample Analysis	3
ES 910	Reproductive Toxicology	3
ES 912	Neurotoxicology	3
ES 913	Adv Simulation Modeling	3
ES 914	Modeling Laboratory	3
ES 915	Adv Physical Chemistry	3
ES 916	Chemistry of Natural Products	3
ES 919	Special Topics	3
ES 920	Special Topics	3
ES 921	Sem in Envir Toxicology	2
ES 922	Sem in Envir Toxicology	2
ES 923	Sem in Envir Toxicology	2
ES 929	Toxicology III	3
ES 930	Biochemistry	3

ES 931	Ethics	3
ES 933	Mutagensis Carcinogenesis	3
ES 934	Molecular Basis of Gene Action	3
ES 935	Stat Aspects of Risk Assessment	3
ES 936	Occ & Environ Epidemiology	3

Environmental Toxicology, Doctor of Philosophy

Admission Criteria

The admission criteria for applicants to the Doctor of Philosophy Degree Program in Environmental Toxicology are summarized below.

- Applicants for the Ph.D. degree program in environmental toxicology must meet the requirements for admission to the Graduate School. To be considered, the applicant must have earned the Master's degree in an appropriate field of the natural sciences or in an equivalent discipline acceptable to the admissions committee. Exceptional applicants without a Master's degree may be granted a probationary admission but will be required to complete a total of eighteen (18) credit hours of coursework at the master's level in biology, chemistry, and/or the Environmental Toxicology Program as approved by the department.
- Applicants who have earned the master's degree must have a cumulative 3.3 grade point average on a 4.0 scale in their graduate work.
- Applicants must present a Graduate Record Examination (GRE) score (combined verbal and quantitative), which is considered along with the applicant's grade point average. In addition to the above requirements, the socioeconomic background of applicants will be considered in the admission process.
- Economic status of family when applicant attended elementary, secondary, and undergraduate school.
 - Applicant's status of first-generation to attend undergraduate school. Applicant's status of first-generation to attend graduate or professional school.
 - Applicant is multilingual.
 - Applicant's employment while attending undergraduate school.
 - Applicant's role in helping rear other children in family.
 - Applicant's geographic residence in Texas at time of application.
 - Geographic region wherein applicant's high school is located.
 - Applicant's demonstration of performance in community activities.
 - Applicant's demonstration of commitment to a particular field of study.
 - The presence or absence of role models with comparable graduate school training in the applicant's region of residence.
- Applicants must demonstrate acceptable proficiency in the use of the English language based upon performance on a standardized English Proficiency Test. (Performance on the analytical writing portion of the GRE may be considered as adequate by the Admissions Committee.)
- International applicants, in addition to the above requirements, must present a TOEFL score of at least 550 or appropriate evidence of proficiency in the English language.
- The formal application must include the following:
 - A completed application form and a non-refundable application fee.

- At least three (3) recommendations from persons qualified to give an evaluation of the applicant's past scholastic performance, research and scientific abilities, and personal motivation.
- An official transcript of credits earned at all colleges and/or universities attended by the applicant.
- Scores from the Graduate Record Examination (general test). In addition, international applicants must provide TOEFL scores.

Degree Requirements

The overall requirements for the Doctor of Philosophy Degree in Environmental toxicology are summarized as follows:

- Satisfactory performance on qualifying examinations.
- Completion of a total of sixty (60) semester credit hours above the master's degree. A minimum of twelve (12) credit hours must be completed in core courses and a minimum of twelve (12) credit hours of electives must be completed. Thirty six (36) credit hours are required for research and dissertation.
- Of the total 60 credit hours, not more than nine (9) (not including the dissertation) can be transferred into the program from another university. Such transferred credits must have been earned in a doctoral program and must be of grade "B" (3.00) or better.
- Satisfactory performance on the Comprehensive Examination.
- Completion of residency requirement.
- Completion of the research for an acceptable dissertation.
- Satisfactory performance on an oral examination covering the dissertation.

Qualifying Examination

After the student has completed the core coursework requirements and, if necessary, other background courses in biology, chemistry, and mathematics, he/she must pass the qualifying examinations. These examinations will consist of subject matter contained in the core coursework. A student will be allowed two attempts to pass the qualifying examinations and may petition to take them a third time. Students completing the Master of Science degree in Environmental Toxicology at TSU will be exempt from this requirement.

Residency Requirement

The residency requirement may be met by one of the following:

Enrollment in a minimum full-time course load in two consecutive semesters or a minimum full-time course load taken in a regular semester immediately preceding or following full-time enrollment in each of the summer terms.

Admission to Candidacy

As a condition for admission to doctoral candidacy, the student must complete all course work, except for the dissertation research, satisfy residency, pass the qualifying examination and successfully defend his/her research proposal.

Comprehensive Examination

A comprehensive examination is required of all doctoral students. It is recommended that the comprehensive examination be taken in the same semester of the student's dissertation defense. However, it can be taken after the all course work in the degree plan has been satisfied, the qualifying examinations have been passed and the dissertation

proposal has been approved and accepted by the graduate school. The comprehensive examination will be composed of test items from the student's specialization area and questions from the basic core and related courses in environmental toxicology. The student will be allowed two attempts to pass the comprehensive examination and may petition the department to take it a third time.

Dissertation

The Ph.D. degree is primarily a research degree. The student is expected to demonstrate the ability to design a research project, implement it, contribute new knowledge to the field of study, and write an acceptable dissertation. The dissertation topic and nature and extent of the research will be recommended by the student and his/her adviser for approval by the dissertation committee.

The format of the dissertation, described in a booklet from the Office of the Graduate School, must be followed. The dissertation must be defended before the committee in an oral examination. Certification of successful completion of the oral examination requires the signature of all members of the dissertation committee. A student who fails the final oral examination on the dissertation may petition the Dean of the Graduate School through the department for a second attempt to pass the examination. All changes in the dissertation suggested by the committee after the Oral Examination must be made before the dissertation can receive the final approval of the Graduate School. In addition to the dissertation, the student is required to condense the dissertation or a portion of it into a paper suitable for publication in a refereed journal. This paper must accompany the dissertation when it is presented to the members of the committee. In addition, an abstract not exceeding 350 words must be prepared for submission to University Microfilms Incorporated.

Curriculum Summary

The objective of the environmental toxicology program is to provide training which will enable students to apply the principles and methods of the physical and biological sciences to the study of toxicants as a basis for solving problems associated with the presence of toxicants in the environment. Although the emphasis in the master's program will be on course work, the Ph.D. degree curriculum is designed to produce graduates who are highly skilled in designing and implementing research studies, analyzing data, and applying results that may be used in the formulation of policies and plans for a healthier environment.

Students in both the M.S. and Ph.D. degree programs will study the properties, fate, biological effects, detection and regulation of natural and/or man-made toxicants present in the environment. Toxicants may include air, water and soil pollutants, such as pesticides, industrial chemicals, and poisons produced by microbes, plants, and animals. The program for Ph.D. degree students will have a strong emphasis on research.

Research Topics

Students may pursue research problems in the following areas:

- air;
- water;
- soil pollution;
- genetic toxicology;
- chemistry and fate of pesticides;
- pathogenesis of toxicants;

- risk assessment, and
- natural toxicants.

Time Limit for the Doctor of Philosophy Degree

After being admitted to a program leading to the Doctor of Philosophy degree, a student will be allowed seven (7) calendar years in which to complete all of the requirements for the degree, including transferred credit and prior credit at Texas Southern University. Continuation in the doctoral degree program beyond the seven-year limit must be approved by the student's doctoral degree advisory committee and the dean of the Graduate School.

The maximum time allowed to complete the doctoral program, including an approved extension is nine (9) calendar years. This time limit does not include work done as part of the requirements for a master's degree or that needed to complete any course work deficiencies as noted by a probationary admission.

Core Courses

Code	Title	Hours
ES 702	Environmental Toxicology I	3
ES 902	Environmental Toxicology II	3
ES 927	Biomedical Statistics	3
ES 935	Stat Aspects of Risk Assessment	3
Total Hours		12

Electives (12 Sch)

Code	Title	Hours
ES 701	Principles of Toxicology	3
ES 703	Environmental Science	3
ES 704	Aquatic Resources & Pollution	3
ES 705	Environmental Policy & MGMT	3
ES 707	Ground Water Contamination	3
ES 718	Special Topics Environ Tox	3
ES 906	Environmental Geology	3
ES 908	Sample Analysis	3
ES 910	Reproductive Toxicology	3
ES 912	Neurotoxicology	3
ES 913	Adv Simulation Modeling	3
ES 914	Modeling Laboratory	3
ES 915	Adv Physical Chemistry	3
ES 916	Chemistry of Natural Products	3
ES 919	Special Topics	3
ES 920	Special Topics	3
ES 921	Sem in Envir Toxicology	2
ES 922	Sem in Envir Toxicology	2
ES 923	Sem in Envir Toxicology	2
ES 929	Toxicology III	3
ES 930	Biochemistry	3
ES 931	Ethics	3
ES 933	Mutagenesis Carcinogenesis	3

ES 934	Molecular Basis of Gene Action	3
ES 936	Occ & Environ Epidemiology	3

Committee in the Department of Mathematics and the Graduate Council in the Graduate School at the University.

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Dissertation

Code	Title	Hours
ES 925	Research & Dissertation	1-12

Department of Mathematics

The Department of Mathematics offers the Master of Science program in Mathematics with the accelerated Master of Science program in Mathematics (5-year BS to MS). The Master of Science in Mathematics is a thirty-hour program, and it is designed to be completed with or without a thesis. The MS in Mathematics graduate program prepares students for two-year college teaching, careers in industry or government, and preparation for doctoral study.

Aims and Objectives

The Department of Mathematics considers three factors in planning its program: (1) the mathematics activities in the academic mainstream of the United States; (2) the philosophy, aims and objectives of the University; and (3) the past experiences of the students enrolled. In its graduate program, the Department seeks to accomplish the following objectives:

1. Provide mathematical training for elementary and secondary teachers, particularly those in urban schools.
2. Provide mathematical training for personnel in industry, government, and institutions of higher learning where higher mathematics is needed.
3. Provide graduate students in mathematics an opportunity to engage in research on new teaching methodologies, the development of new teaching materials, preparation of expository papers, and the development of new fundamental results.

The ultimate aim of the faculty in the Department of Mathematics is to prepare graduate students who are competent practitioners of mathematics and capable of serving as researchers, teachers, or applied mathematicians in various programs of industrial business and government.

Admissions Requirements

In addition to meeting the general requirements for admission to the Graduate School, students entering the graduate program are expected to have the following admission requirements:

- Students must complete twenty-seven (27) semester hours of mathematics, including at least twelve (12) hours of Calculus and at least 15 hours from the following list of courses (or courses equivalent to these): MATH 250, 251, 331, 336, 439 and 473.
- Students must have a minimum accumulated grade point average of 2.75/4,
- Students must have a minimum cumulative GPA of 3.0 in mathematics major courses

Applications cannot be evaluated until these requirements are met and the Graduate School receives the completed application. The entire admission process will be under the direction of the Graduate Faculty

Advanced Undergraduate/Graduate

MATH 430 The History Of Mathematics (3 Credits)

The History of Mathematics (3) General view of the development of the elementary branches of mathematics; growth of higher mathematics in the eighteenth and nineteenth centuries. Three hours of lecture per week. Prerequisite: Twelve credits of college mathematics.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 433 Concepts Structure Of Math (3 Credits)

Concepts and Structure of Mathematics (3) Structure of the number system, elements of set theory, properties of real numbers, and basic concepts of mathematical systems. Presented for nonmajors. Three hours of lecture per week. Prerequisite: Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 437 A Surv of Math Ideas (3 Credits)

Contemporary Mathematics and Its Applications (3) Applications of various mathematical topics and mathematical needs of people in some of the trades, professions, and scientific disciplines. Three hours of lecture per week. Prerequisite: MATH 314 or consent of the instructor.

Prerequisite(s): MATH 243

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 439 Introduction to Analysis (3 Credits)

Introduction to Analysis (3) The real number system; elementary point set theory; sequences and series; continuity; possibly topics from differentiation and integration. Three hours of lecture per week. Prerequisites: MATH 243 and MATH 331.

Prerequisite(s): (MATH 243 and MATH 331)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 460 Intro To Complex Analysis (3 Credits)

Introduction to Complex Analysis (3) Complex numbers and complex geometry; limits, continuity, derivatives, and the Cauchy-Riemann equations; analytic and harmonic functions; Cauchy's Integral Theorem and its consequences. Three hours of lecture per week. Prerequisites: MATH 314 and MATH 331.

Prerequisite(s): (MATH 243 and MATH 331)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 462 Intro To Topology (3 Credits)

Introduction to Topology (3) Topics include metric spaces, connectedness, and compactness. The topology of Euclidean spaces discussed in detail as well as its generalization to nonmetric topological spaces. Three hours of lecture per week. Prerequisites: MATH 314 and MATH 331.

Prerequisite(s): (MATH 243 and MATH 331)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 471 Topics In Math I (3 Credits)

Topics in Mathematics I (3) New developments and trends in mathematics discussed. Three hours of lecture per week. Prerequisite: Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 473 Probability & Statistics I (3 Credits)

Probability and Statistics I (3) Introduction to probability and statistical inference making use of the calculus developed in MATH 241 and MATH 242. Three hours of lecture per week. Prerequisite: MATH 242.

Prerequisite(s): MATH 242

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 474 Probability & Statistics II (3 Credits)

Probability and Statistics II (3) Moments of distributions and Stieltjes integral; joint density functions; conditional means; moment generating functions; sequences of random variables; distribution theory; and hypothesis testing. Three hours of lecture per week. Prerequisite: MATH 473.

Prerequisite(s): MATH 473

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 475 Abstract Algebra (3 Credits)

Abstract Algebra (3) Group theory; Lagrange's Theorem; Isomorphism Theorem; Cayley's Theorem; rings and fields. Three hours of lecture per week. Prerequisite: MATH 336.

Prerequisite(s): MATH 336

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 490 Independent Study Undergrad (3 Credits)

Independent Study: Undergraduate (3) Intensive study of a topic in mathematics under the direction of a faculty member. Prerequisites: Senior standing and consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 499 Seminar (3 Credits)

Seminar (3) Various topics in mathematics discussed. Three hours of lecture per week. Prerequisite: Consent of the instructor.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

Graduate

MATH 532 Intr to Number Systems (3 Credits)

INTRODUCTION TO NUMBER SYSTEMS (3) Background concepts and terminology in sets, relations, mapping. Cartesian products; equivalence relations; elementary properties of the counting numbers; numeration systems; arithmetic in base 10 and bases other than 10; divisibility and primes; Euclidean Algorithm; Fundamental Theorem of Arithmetic consequences; the ring of integers modulo m ; Fermat's Theorem, elementary properties of the rational numbers; existence of irrational numbers.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 535 Algebra For Teachers (3 Credits)

ALGEBRA FOR TEACHERS (3) Sets, real number system, theory of polynomials, elementary functions, determinants and matrices.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 536 Geom For Tchrs (3 Credits)

GEOMETRY FOR TEACHERS (3) Foundations of geometry, nature of proof, coordinate systems, Euclidean, non-Euclidean and projective geometry.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 577 Fourier Series (3 Credits)

FOURIER SERIES (3) Study of approximations of functions by orthogonal systems of functions; Fourier series; orthonormal systems and generalized Fourier series, applications to boundary value problems. (Prerequisites: MATH 314 and 333)

Prerequisite(s): (MATH 314 and MATH 333)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 578 Laplace Transforms (3 Credits)

LAPLACE TRANSFORMS (3) Definitions and elementary properties; transform of discontinuous functions; inverse transformations; convolution theorems, application to ordinary differential equations. (Prerequisite: MATH 439)

Prerequisite(s): (MATH 439)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 599 Research & Conferences (3 Credits)

RESEARCH AND CONFERENCE (3) May not be repeated for graduate credit. (Prerequisite: Graduate standing and twelve [12] hours of senior undergraduate or graduate mathematics)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 631 Intro To The Found Of Math (3 Credits)

INTRODUCTION TO THE FOUNDATIONS OF MATHEMATICS (3) Evolution of Mathematical ideals and methods, relations to logic; the axiomatic method; the infinite paradoxes; contradictions. (Prerequisite: Graduate standing)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 633 Theory Functions Real Variable (3 Credits)

THEORY OF FUNCTIONS OF REAL NUMBERS (3) The fundamental part of the theory of functions of a real variable; the topology of the real line, limit, continuity, differentiation, Lebesgue measure, the Lebesgue integral. (Prerequisite: MATH 439)

Prerequisite(s): (MATH 439)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 634 Theory Functions Complex Var (3 Credits)

THEORY OF FUNCTIONS OF COMPLEX VARIABLES (3) The fundamental part of the theory of functions of a complex variable; complex number system, limits continuity, derivatives of complex functions, integration in the complex domain. (Prerequisite: MATH 460 or consent of instructor)

Prerequisite(s): (MATH 460)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 636 Point Set Topology (3 Credits)

TOPOLOGY (3) Introduction to the study of point set topology: topological spaces, metric space, the topology of the real line and real plane, continuous functions, homeomorphisms, product spaces, compactness, connectivity, separation theorems. (Prerequisites: MATH 462 and MATH 439 or instructor's consent)

Prerequisite(s): (MATH 439 and MATH 462)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 637 Functional Analysis (3 Credits)

FUNCTIONAL ANALYSIS (3) Introduction to functional analysis: finite and infinite dimensional vector spaces norms and inner products, Banach space, Hilbert space, L-space, linear operators. (Prerequisites: MATH 636 and MATH 633 or instructor's consent)

Prerequisite(s): (MATH 636 and MATH 633)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 638 Partial Differential Equations (3 Credits)

PARTIAL DIFFERENTIAL EQUATIONS (3) Definitions of equations and their solutions: method of Jacobi and Mange, solutions by quadrature, existence theorems, separation of variables, elliptic, parabolic and hyperbolic systems, and operational methods. (Prerequisites: MATH 376 and MATH 333)

Prerequisite(s): (MATH 333 and MATH 376)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 732 Theory Of Numbers (3 Credits)

THEORY OF NUMBERS (3) Elementary properties of integers, the theorems of Fermat and Wilson the theory of congruencies, quadratic residues, the reciprocity theorem, Diophantine equations, definite and indefinite binary quadratic forms, ternary quadratic forms, regular and irregular forms. (Prerequisite: MATH 331)

Prerequisite(s): (MATH 331)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 733 Abstract Algebra (3 Credits)

ABSTRACT ALGEBRA (3) Advanced topics in modern algebra: generally the topics will be in one or more of the areas: group theory, theory of rings and fields, homological algebra. (Prerequisite: MATH 475)

Prerequisite(s): (MATH 475)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 790 Independent Study Grad (3 Credits)

INDEPENDENT STUDY: Graduate standing / approval of advisor.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 831 Theory Of Probability (3 Credits)

THEORY OF PROBABILITY (3) Theory of expectation, dependent and independent variables, Tchebycheff's in equality, the probability integral applications to statistical theory. (Prerequisite: MATH 473 and 474)

Prerequisite(s): (MATH 473 and MATH 474)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 832 Finite Differences (3 Credits)

FINITE DIFFERENCES (3) Tables of differences, difference formulas, finite integration with applications, interpolation, approximate integration, beta and gamma functions, difference equations.

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 833 Mathematical Statistics (3 Credits)

MATHEMATICAL STATISTICS (3) Moments, distributions of functions of random variable, internal estimation, limiting distributions, sufficient statistics, point estimation, and statistical hypothesis. (Prerequisite: MATH 474)

Prerequisite(s): (MATH 474)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

MATH 861 Research Problems (3,6 Credits)

RESEARCH PROBLEMS (3) Investigation by the student of a specific problem in mathematics. (Prerequisite: Approval of the department chairperson)

College/School: Col of Science, Engr & Tech

Department: Department of Mathematics

Mathematics, Masters of Science Degree Requirements

The requirements for the master's degree in mathematics are as follows:

1. Students must pass an oral proficiency examination on the fundamentals of mathematics during the third semester of the program. This examination will be administered by the student's graduate committee and this examination cannot be taken more than two times.
2. A minimum of thirty (30) semester hours of graduate work. Some 400-level courses can be counted toward the master's degree, but at most two such courses.
3. An acceptable thesis on the subject approved by both the Department of Mathematics and the Graduate School if the thesis option is selected.
4. Other general University requirements

A student pursuing a Master of Science degree in mathematics is required to enroll in the following courses:

Code	Title	Hours
MATH 631	Intro To The Found Of Math	3
MATH 633	Theory Functions Real Variable	3
MATH 634	Theory Functions Complex Var	3
MATH 636	Point Set Topology	3
MATH 733	Abstract Algebra	3
Total Hours		15

Math Electives

Code	Title	Hours
Choose three courses from:		9
MATH 4xx		
MATH 5xx		
MATH 6xx		
MATH 7xx		
Total Hours		9

math electives or thesis

Code	Title	Hours
Graduate Level Math courses or Thesis		6
Total Hours		6

Department of Transportation Studies

- Transportation Planning and Management (Non-Thesis Option), Master of Science (p. 628)

- Transportation Planning and Management (Thesis Option), Master of Science (p. 631)

TMGT 810 Fund Of Trans (3 Credits)

Fundamentals of Transportation (3) This course presents an introduction to the organizational, economic, social, and environmental aspects of transportation; historical development and characteristics of various modes of travel, including rail, highway, air, pipeline and water transportation; comparative analysis of domestic and international systems; and administration of public transportation by providers, carriers and government.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 811 Fund of Shipping (3 Credits)

Fundamentals of Shipping (3) This course is designed to provide graduate students with nonmaritime backgrounds an overview of the shipping industry. It presents elements of commercial shipping, shipping terminology, maritime geography, sea transport, cargo vessel types, vessel size groups, the liners, liner conferences, chartering, shipping documentation, the bill of lading, multimodal transport, marine insurance and general average.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 812 Prin Trans & Des Engrng (3 Credits)

Principles of Transportation Design and Engineering (3) This course presents criteria and parameters for the design and engineering of streets and highways, railroads and transit guideways, land transportation terminals, and air and water transportation facilities. Design considerations include system components, such as human factors, environmental constraints, and operational factors; Intelligent Transportation Systems (ITS), and other emerging technologies

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 815 Computer Apps In Trans (3 Credits)

Computer Applications in Transportation (3) This course is an introduction to basic computer software for planning and analysis of transportation operations. Both general purpose and specialized software in such areas as traffic engineering, highway operations, transit operations and transportation planning will be considered. Examples of software to be covered include CORSIM, TRANSYT-7F, INTEGRATION, SYNCHRO, HCS, QRS II, etc.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 818 Trans Research Method (3 Credits)

This course is designed to provided graduate students with the foundational knowledge required to conduct transportation related research. It introduces the basics of compositing a research question and objectives, determining appropriate methodological applications, linking literature with study objectives and identified methodologies, applying statistics and computer based tools for transportation operation and planning analysis and writing technically for transportation reports. 3 hours per week.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 820 Trans Mgmt & Policy (3 Credits)

Transportation Management and Policy (3) This course presents elements of the transportation environment; formulation and determinants of national, regional and urban/rural transportation policy; roles of regulation and community attitudes; and other impacts on transportation policy.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 823 Economics Of Trans (3 Credits)

Economics of Transportation (3) This course presents economic characteristics of selected transportation technologies; capital and operational costs of highway and public transportation modes; financing mechanisms and revenue sources for various modes; economic evaluation of alternative systems; cost effectiveness; micro-economic theoretical tools, investment appraisal, pricing techniques; role of domestic and international shipping in the U.S. economy; economic characteristics of waterborne transportation, including the nature of transport demand and cost functions; economic dimension of transportation service; and transportation market structures and transport pricing theory and practice.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 825 Marine Trans Sys (3 Credits)

Marine Transport Systems (3) This course presents types of ocean transportation and port facilities, role of port authorities in international transportation; domestic waterway operations; international water carriage; and elements and factors involved in international trade and their impact on transportation and marketing.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 826 Ship Operations & Mgmt (3 Credits)

Ship Operations and Management (3) This course presents thorough knowledge of key functions in ship management and responsibilities in each area, i.e. commercial, operational, technical, crewing, bunkers, finance and administration; different types of organizational structure from all functions in-house, partly contracted or fully contracted out. Students are expected to understand thoroughly the structure and essential components of a ship management contract and become aware of standard documents including BIMCO Shipman, FUELCON, Lloyds Open Form 2000.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 830 Urban Trans Plng (3 Credits)

Urban Transportation Planning (3) This course presents perspectives on the context of and approaches to planning for public transportation services; long range versus short range planning; the program development process for transportation systems management (TSM) strategies and the comprehensive planning process; and alternative approaches to planning and citizen participation.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 840 Quan Anal For Trans (3 Credits)

Quantitative Analysis of Transportation (3) This course is an introduction to analytic tools for operational and managerial decision making in transportation, including linear programming, dynamic programming, network analysis, queuing analysis and simulation.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 842 Tran Project Implementation (3 Credits)

Transportation Project Implementation (3) Project implementation is a key outcome of the transportation planning and management process. Environmental impact statement, and citizen involvement are critical elements leading to implementation. Students enrolled in this course will learn the federal requirements and environmental process relating to transportation projects, project management strategies and software and learn how to incorporate citizen input into the design and implementation process.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 845 Sys Anal In Trans (3 Credits)

Transportation Systems Analysis (3) This course presents the system approach and its application to transportation engineering and planning; the transportation industry as a productive system; the use of Transportation System Management (TSM) strategies; and systems analysis techniques including optimization, evaluation and systems modeling.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 846 Tran Infrastructure Mgmt (3 Credits)

Transportation Infrastructure Management (3) This course presents an integrated approach to the management of infrastructure systems. Analysis methods are developed recognizing the multidimensional nature of performance of facilities, resource constraints and technological innovations and institutional factors. Emphasis on an integrated approach to the design, construction, operations, maintenance and rehabilitation of facilities is through an understanding of the performance of facilities, approaches to management and available tools and developing technologies.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 850 Travel Demand Analysis (3 Credits)

Travel Demand Forecasting and Analysis (3) This course presents travel demand forecasting theories and applications. It presents traditional four-step travel demand forecasting models: trip generation, trip distribution, modal split, and traffic assignment, as well as activity-based travel demand forecasting methods. Computer models to be covered include QRS II, EMME2, TransCad, and TRANSIM.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 855 Site Traffic Analysis (3 Credits)

Site Traffic Analysis (3) This course presents the basic theory and methodologies in site traffic analysis, including statistical applications in traffic engineering; volume studies and characteristics; speed, travel time, and delay studies; crash studies; and parking studies. Students will be trained through several field surveys of volume, speed and delay, and are expected to have the basic ability to conduct on-site traffic analysis.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 860 Special Lecture Series (3 Credits)

Transportation Special Lectures (3) This course invites transportation engineers, planners, and managers from both public and private organizations to give special lectures on various transportation topics.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 862 Hwy Traffic Operations (3 Credits)

Highway Traffic Operations (3) This course presents factors related to freeway operations and traffic signal operations: macroscopic and microscopic traffic stream characteristics, capacity analysis techniques, shockwave theory, freeway traffic management systems, freeway traffic simulations, and evaluation and optimization of traffic signal timings. Software to be covered in this course includes HCS, INTEGRATION, CORSIM, and TRANSYT-7F.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 865 Traffic Signals & Signal Ctrl (3 Credits)

Traffic Signals and Signal Control (3) This course presents the basic elements of traffic signals and signal timings including controllers, cycle length, phase structure, offset, change interval, all-red-interval, and split-phase; signal warrants that are included in the Manual on Uniform Traffic Control Devices (MUTCD); traffic signal timing optimization and evaluation software such as TRANSYT-7F, PASSER, TEAPAC, SYNCHRO, CORSIM, etc.; real-time traffic signal control systems such as SCOOT, SCATS and RT-TRACS; and relations of traffic signal operations with other elements of ITS applications.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 866 Mktg of Maritime Trans Svcs (3 Credits)

Marketing of Maritime Transportation Services (3) This course presents the basic knowledge and skills about marketing, planning, and analysis applicable to maritime related service firms, including both ship operators and ship owners. Topics include the assessment of internal vs. external customer needs; quality control; competitive strategies; applications of marketing principles and practices to the maritime industry.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 867 Marine Trans Sys Dsgn & Policy (3 Credits)

Marine Transportation System Design and Policy (3) This course presents a historical review of the interaction between American shipping policy, and the design of Vessels, Fleets, and Port Systems. It will also introduce the effects of market structure on economics and finance; port performance and performance measures; the impact of Cabotage Laws, CDS and ODS subsidies, and fleets of a Planned Economy upon domestic and global trade.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 868 Maritime Operations & Tech (3 Credits)

Maritime Operations and Technology (3) This course examines the role of technology in the maritime business environment. Topics include the technical knowledge of selected aspects in vessel design and operation and/or related maritime land-based or offshore structures, sub-sea engineering/mining, maritime related research, smart locks, use of Physical Oceanographic Real-Time System (PORTS®), AIS, VTS, VDR, GPS, AVRA in vessel and cargo tracking, safety and accident investigations, economic efficiency, coastal resource protection, litigation, and risk assessment.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 869 Marine Ins & Cargo Loss Ctrl (3 Credits)

Marine Insurance and Cargo Loss Control (3) This course presents the theory, techniques, participants and background of risk assessment and management with emphasis given to contemporary issues in marine insurance law. Topics include admiralty salvage claims, general average history and evolution into its present form, marine liability coverage, cause of loss, additional perils, exclusions, warranties, duration of risk, adjustment clauses, operating clauses, civil commotions, war insurance, and project risk management techniques.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 870 Freight & Log Mgmt (3 Credits)

Freight and Logistics Management (3) This course presents U.S. and international movement of goods, including railroads, trucking, air carriers and ocean transport; coordination between the modes; principles of logistics management.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 871 Maritime Global Trading Sys (3 Credits)

Maritime Global Trading System (3) This course introduces the theory of international waterborne trade. It provides a basis for examining American foreign trade policy, and regional and world trade institutions such as the WTO, ASEAN, the EU, GATT, and NAFTA. Topics include: International trade theory and policy, open-economy macroeconomic policy, tariffs, non-tariff barriers and enhancements, multinational enterprises and foreign direct investment, global competition and integration.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 872 Maritime Ship & Port Security (3 Credits)

Maritime Ship and Port Security (3) This course examines ground-level issues, tasks, and responsibilities managed by the Port Security Officer, Port Director, Federal and local law enforcement agencies to deal with various levels of Threat Analysis as well as responses by Vessels, Companies, and Terminals to various emergencies such as disasters from fire, explosion, petrochemical releases, or hurricanes that may require evacuations of various scale. It will also examine the role of third party contractors in Vessel and Facility Threat Assessment and countermeasures used as response to Piracy and Terrorism.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 875 Seminar on Ports and Waterways (3 Credits)

Ports and Waterway (3) This course presents problems and issues related to ports and waterway transportation.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 876 Advanced Maritime Law (3 Credits)

Advanced Maritime Law (3) This course introduces the American legal system and analysis of the public policy behind the law. Fundamental and advanced concepts of maritime law to give the students an understanding of the role and importance of maritime law in inland and ocean shipping transportation. Topics include: nature and sources of the law, jurisdiction, constitutional law, administrative law, torts, contracts, seaman rights, collision, pollution, and salvage.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 880 ITS Tech & Applications (3 Credits)

ITS Technologies and Applications (3) This course introduces the basic concepts and applications of the Intelligent Transportation Systems (ITS) technologies. Selected technologies in each category of ITS User Services that are defined in The National Architecture for ITS are introduced. Methodologies for evaluating the effectiveness and efficiency of ITS systems will be introduced with an emphasis on the advanced simulation models. The selected deployment examples of ITS systems will be examined to identify the policy, institutional and technological barriers that effect the ITS development and deployment.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 882 GIS for Transportation (3 Credits)

Geographical Information Systems for Transportation (3) This course will include three parts. The first part will introduce the basic concepts of GIS system, including the definition of GIS, the data structures that support spatial and attribute data, coordinate system, map projections and so on. In the second part, the basic skills of ArcGIS software package will be taught through lectures and laboratory work. The third part will introduce some feature GIS applications in transportation, such as GPS data analysis for deriving travel time information, transit bus stops and routes design, hurricane evacuation route design and monitoring, identifying hot spots of accidents, etc.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 885 Quan Asmt Tran Envir Impact (3 Credits)

Quantitative Assessment of Transportation Environmental Impact (3) This course will include five parts. The first part will discuss the overall effects of transportation and related activities on the environment and present the indicators of these impacts. The second part will introduce the environmental laws and regulations in transportation and their roles in the project development process. The third part will focus on the air quality impacts of transportation. The fourth part of this course will focus on the transportation noise issues. In the last part of this course, the solutions or the traffic management strategies for mitigating the environmental impacts of transportation will be introduced.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 890 Transportaton Seminar (3 Credits)

Transportation Seminar (3) This course provides an opportunity for students and the instructor to discuss recent developments and issues in transportation, i.e., policies, energy and environmental issues, notably implementation of the Clean Air Act Amendments (CAAA); urban air quality and the economic impact of various strategies, and applications of advanced technologies in transportation including the Intelligent Transportation Systems (ITS).

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 895 Internship (3 Credits)

Internship (3) Students enrolled in this course are required to submit a written report of the internship or project experience, detailing the specific tasks performed, contributions and the organizational setting is required.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

TMGT 899 Thesis (1-6 Credits)

Thesis (3) Students enrolled in this course are required to submit a written research thesis. Thesis must be the product of independent research and must exhibit substantive depth, logical organization, and clarity of presentation. A faculty committee will evaluate the student's progress, and the thesis. A thesis option student needs to enroll three times in this course in order to get the required 9 semester credit hours.

College/School: Col of Science, Engr & Tech

Department: Dept of TransportStud

AJ 614 Issues in Terrorism and AJ (3 Credits)

AJ 614 Issues in Terrorism and the Administration of Justice (3) This course presents an analysis of the impact of terrorism on administration and management of justice agencies. Topics covered include domestic and international terrorism, integrated terrorism information systems, secure confinement, and technological developments. (Prerequisites: AJ 501, 607.)

Prerequisite(s): AJ 501 and AJ 607

College/School: The School of Public Affairs

Department: Dept of Admin of Justice

Transportation Planning and Management (Non-Thesis Option), Master of Science

General Information

Graduate study in Transportation Planning and Management at Texas Southern University focuses on developing an interdisciplinary program designed to train outstanding students for successful careers in the field of Transportation. Programmatic emphasis is on preparing the student to enter the public and private sector with considerable training and advanced knowledge concerning transportation planning and policy, highway traffic operations, transportation systems and technology, transportation logistics and management, maritime transportation management and security, and homeland security. Emphasis is on technical and economic as well as public policy aspects of transportation systems.

For those focusing on planning or operations careers, the TSU transportation program has a strong foundation in traffic operations, transportation planning, public transportation and Intelligent Transportation Systems (ITS). Students may structure degree programs to build on these strengths. For those pursuing management careers, TSU transportation programs have strong foundations in transportation principles, transportation systems and technologies, highway traffic operations, economics and finance, logistics, maritime transportation, homeland security, and transportation policy and management.

Through a rigorous graduate program of instruction, students will develop problem solving and analytical thinking skills by study of transport system design, planning, and analysis. Students will also master appropriate research skills for use in both public and private transportation-related agencies and organizations. Graduate students and their faculty advisors will form research partnerships based upon their particular interest and the current needs of the transportation industry.

Majors in transportation are provided with unique opportunities to work with transportation experts through the Center for Transportation Training and Research (CTTR), the National Transportation Security Center of Excellence for Petrochemical (NTSCE-P), and the Innovative

Transportation Research Institute (ITRI) at Texas Southern University. The CTTR, NTSCE-P and ITRI provide training programs with specialized internships and research opportunities through ongoing applied and empirical research and include demonstration activities.

Vision

We envision an education, research, training, and technology transfer program designed to develop a skilled and educated workforce that is highly competitive in a global market. The academic research and training program serves as an important resource of traffic and transportation engineers, planners, systems analyst, policy makers, business and industry leaders, logistics specialists, port managers, and security specialists for local, state, and federal governments, community organizations and agencies, and consulting companies in the nation.

Mission

In keeping with the traditional and urban mission of Texas Southern University, the Division of Transportation Studies in the College of Science and Technology will provide education that builds on the latest data, systems and technologies in transportation. In preparing the next generation of transportation professionals, particular attention will be given to attracting and retaining individuals who represent diverse backgrounds socially, economically, and academically, and especially those who have not been well represented among transportation professionals in the past. There is a strong commitment to partnership development and a climate wherein various racial/ethnic and culturally diverse groups can develop their full potential.

Goals and Objectives

The primary goal of the academic program is to educate transportation planners, engineers, specialists, and managers who are able to plan, functionally design, and operate facilities and systems which satisfy the demand for both passenger and freight transportation services. To fulfill both the traditional and urban mission of Texas Southern University, the Transportation Studies Department has established strategic planning initiatives to fulfill both short and long term needs. The Transportation Studies Department shall

- Improve and expand transportation education, training and research.
- Advance technology transfer and expertise.
- Foster sound linkages between the department, other University units, and the public and the private transportation sectors.
- Participate in local, state and federal research and training initiatives.

The principal objectives of graduate study in transportation are:

1. to provide students with the professional knowledge and skills needed to compete successfully in a global economy;
2. to enhance students' abilities to develop creative solutions to complex problems in the context of socioeconomic and environmental considerations; and
3. to develop innovative ways to address transportation needs and problems.

The central focus of the academic program is to:

- identify and respond to the training needs of the transportation industry;
- provide an environment which enables students to develop maximum potential;

- encourage visionary and creative thinking;
- provide varied internships and research opportunities which acquaint students with human knowledge and actual work experiences;
- offer transportation education and training programs directed toward career development in cooperation with business, industry, labor, and public service agencies; and
- identify and meet professional and in service training needs through specialized short-courses, conferences, symposia, and/or seminars.

Requirements for Admission

Applicants must hold a bachelor's degree from an institution of acceptable standing and have a grade point average point of "B" or better in work completed during the last two years of undergraduate study. The applicant who will receive the bachelor's degree at the end of the semester or term when applying for admission will be considered for a conditional admission. The bachelor's degree may be in:

- engineering,
- natural sciences,
- urban/city planning,
- business,
- public administration,
- political studies,
- geography,
- sociology,
- airway science/aviation,
- avionics,
- economics, or
- other transportation-related fields.

The applicant must meet the criteria for admission to the Graduate School. Applications cannot be evaluated until these requirements are met and the Graduate School receives the completed application. Application for admission forms may be obtained from:

The Graduate School
Texas Southern University
3100 Cleburne Avenue
Houston, Texas 77004

For information call the Graduate School at (713) 313-7233, or visit the department website and detailed information on the application steps can be found and downloaded at <http://transportation.tsu.edu/>.

Admission of International Students

Applications from international students are evaluated in the same manner as those of students from the United States. However, international students who have not received any degree or diploma in an institution whose official language is English must satisfactorily pass the Test of English as a Foreign Language (TOEFL) examination. This requirement is designed to determine whether or not students have a sufficient command of English to enable them to pursue their graduate studies effectively.

Degree Requirements

The Master of Science in Transportation Planning and Management degree program is structured to provide a common core of educational and training experiences as well as to provide the flexibility for interfacing with a variety of related disciplines. Efforts are made to equip students with the basic analytical, managerial, and planning competencies

necessary either to work in the transportation industry immediately or to advance to doctoral study successfully.

Basic Requirements

1. Completion of a total of thirty-nine (39) semester credit hours of prescribed coursework.
2. A minimum 3.0 (A = 4.00) quality point average for all graduate work attempted.
3. Demonstration of acceptable grasp of the core courses by successful completion of the written comprehensive examination.
4. Completion of an internship/project report for all non-thesis option students.
5. Completion and successful defense of a thesis with the quality of scientific research for all thesis option students.
6. Demonstration of English proficiency by successfully completing the course English 501 Graduate Professional Writing, or by taking Graduate Record Examination (GRE) or Graduate Management Admission Test (GMAT) and getting score 3.5 or better on the analytical writing portion of the GRE or GMAT.
7. All other requirements of the Graduate School in Texas Southern University.

Computer Literacy

Students will be exposed to uses of computers and computer packages in transportation as part of the curricula. Emphasis is on personal and microcomputers. Students will use packages in highway capacity, traffic signal timing and coordination, traffic simulation and travel demand models in required course work. Students have access to TSU's personal computer laboratories with access to the Internet.

Thesis

The culmination of the program is the successful completion and defense of a thesis which is based upon independent research. The thesis must be prepared in a way that demonstrates rigorous, independent, empirical or applied research. This option will require that the final product of independent research is prepared in a way that demonstrates that the student has acquired a high level analytical ability. The research must exhibit substantive depth, logical organization, high level of creativity, and clarity of ideas. A faculty committee guides the student's work and evaluates the thesis. Students choosing this track must enroll in the thesis course for a total of 6-9 hours, 3 of which can be substituted for by the internship class. The thesis course receive grade of satisfactory or unsatisfactory only. Grades are assigned only after the defense of the thesis. A successful defense and submission of the thesis requires the supervising member of faculty to assign a satisfactory grade for the thesis course.

Internship

Students electing the non-thesis option are required to submit a final report on an investigation conducted while completing the internship or a project report assigned by the faculty advisor. Placements of internships will be sought with various public/private transportation agencies and firms. Students choosing this track must enroll in the 3-hour internship class.

Summary

Code	Title	Hours
Core Curriculum (p. 630)		15
Electives & Concentrations (p. 630)		21
Internship (p. 629)		3
Total Hours		39

Core Curriculum Requirements

Code	Title	Hours
Select one of the following options:		15
Maritime Management and Security		
TMGT 810	Fund Of Trans	
TMGT 811	Fund of Shipping	
TMGT 815	Computer Apps In Trans	
TMGT 823	Economics Of Trans	
TMGT 826	Ship Operations & Mgmt	
Other Concentrations		
TMGT 810	Fund Of Trans	
TMGT 812	Prin Trans & Des Engrng	
TMGT 815	Computer Apps In Trans	
TMGT 823	Economics Of Trans	
TMGT 830	Urban Trans Plng	
Total Hours		15

Electives/Concentrations

Code	Title	Hours
Select one of the following concentrations:		15
Planning and Policy		
TMGT 811	Fund of Shipping	
TMGT 820	Trans Mgmt & Policy	
TMGT 825	Marine Trans Sys	
TMGT 840	Quan Anal For Trans	
TMGT 842	Tran Project Implementation	
TMGT 845	Sys Anal In Trans	
TMGT 850	Travel Demand Analysis	
TMGT 855	Site Traffic Analysis	
TMGT 862	Hwy Traffic Operations	
TMGT 865	Traffic Signals & Signal Ctrl	
TMGT 870	Freight & Log Mgmt	
TMGT 880	ITS Tech & Applications	
TMGT 882	GIS for Transportation	
TMGT 885	Quan Asmt Tran Envir Impact	
TMGT 890	Transportaton Seminar	
TMGT 818	Trans Research Method	
Systems and Technology		
TMGT 811	Fund of Shipping	
TMGT 825	Marine Trans Sys	
TMGT 840	Quan Anal For Trans	
TMGT 842	Tran Project Implementation	
TMGT 845	Sys Anal In Trans	
TMGT 846	Tran Infrastructure Mgmt	

TMGT 850	Travel Demand Analysis
TMGT 855	Site Traffic Analysis
TMGT 862	Hwy Traffic Operations
TMGT 865	Traffic Signals & Signal Ctrl
TMGT 880	ITS Tech & Applications
TMGT 882	GIS for Transportation
TMGT 885	Quan Asmt Tran Envir Impact
TMGT 890	Transportaton Seminar
TMGT 818	Trans Research Method
Logistics and Management	
TMGT 811	Fund of Shipping
TMGT 820	Trans Mgmt & Policy
TMGT 825	Marine Trans Sys
TMGT 826	Ship Operations & Mgmt
TMGT 842	Tran Project Implementation
TMGT 845	Sys Anal In Trans
TMGT 850	Travel Demand Analysis
TMGT 860	Special Lecture Series
TMGT 865	Traffic Signals & Signal Ctrl
TMGT 870	Freight & Log Mgmt
TMGT 875	Seminar on Ports and Waterways
TMGT 880	ITS Tech & Applications
TMGT 882	GIS for Transportation
TMGT 885	Quan Asmt Tran Envir Impact
TMGT 890	Transportaton Seminar
TMGT 818	Trans Research Method
Maritime Management and Security	
TMGT 820	Trans Mgmt & Policy
TMGT 825	Marine Trans Sys
TMGT 830	Urban Trans Plng
TMGT 842	Tran Project Implementation
TMGT 850	Travel Demand Analysis
TMGT 866	Mktg of Maritime Trans Svcs
TMGT 867	Marine Trans Sys Dsgn & Policy
TMGT 868	Maritime Operations & Tech
TMGT 869	Marine Ins & Cargo Loss Ctrl
TMGT 870	Freight & Log Mgmt
TMGT 875	Seminar on Ports and Waterways
TMGT 871	Maritime Global Trading Sys
TMGT 872	Maritime Ship & Port Security
TMGT 880	ITS Tech & Applications
TMGT 882	GIS for Transportation
TMGT 885	Quan Asmt Tran Envir Impact
TMGT 890	Transportaton Seminar
TMGT 818	Trans Research Method
Homeland Security	
TMGT 820	Trans Mgmt & Policy
TMGT 825	Marine Trans Sys
TMGT 870	Freight & Log Mgmt
TMGT 880	ITS Tech & Applications
TMGT 882	GIS for Transportation
TMGT 890	Transportaton Seminar

TMGT 818	Trans Research Method	
AJ 614	Issues in Terrorism and AJ	
Total Hours		15

Internship

Code	Title	Hours
TMGT 895	Internship	3
Total Hours		3

Course Requirements

Total Semester Credit Hours required: 39

- Core Curriculum: 15 SCH
- Non-thesis Option
 - Electives 21 SCH
 - Internship - 3 SCH

Transportation Planning and Management (Thesis Option), Master of Science

General Information

Graduate study in Transportation Planning and Management at Texas Southern University focuses on developing an interdisciplinary program designed to train outstanding students for successful careers in the field of Transportation. Programmatic emphasis is on preparing the student to enter the public and private sector with considerable training and advanced knowledge concerning transportation planning and policy, highway traffic operations, transportation systems and technology, transportation logistics and management, maritime transportation management and security, and homeland security. Emphasis is on technical and economic as well as public policy aspects of transportation systems.

For those focusing on planning or operations careers, the TSU transportation program has a strong foundation in traffic operations, transportation planning, public transportation and Intelligent Transportation Systems (ITS). Students may structure degree programs to build on these strengths. For those pursuing management careers, TSU transportation programs have strong foundations in transportation principles, transportation systems and technologies, highway traffic operations, economics and finance, logistics, maritime transportation, homeland security, and transportation policy and management.

Through a rigorous graduate program of instruction, students will develop problem solving and analytical thinking skills by study of transport system design, planning, and analysis. Students will also master appropriate research skills for use in both public and private transportation-related agencies and organizations. Graduate students and their faculty advisors will form research partnerships based upon their particular interest and the current needs of the transportation industry.

Majors in transportation are provided with unique opportunities to work with transportation experts through the Center for Transportation Training and Research (CTTR), the National Transportation Security Center of Excellence for Petrochemical (NTSCE-P), and the Innovative

Transportation Research Institute (ITRI) at Texas Southern University. The CTTR, NTSCE-P and ITRI provide training programs with specialized internships and research opportunities through ongoing applied and empirical research and include demonstration activities.

Vision

We envision an education, research, training, and technology transfer program designed to develop a skilled and educated workforce that is highly competitive in a global market. The academic research and training program serves as an important resource of traffic and transportation engineers, planners, systems analyst, policy makers, business and industry leaders, logistics specialists, port managers, and security specialists for local, state, and federal governments, community organizations and agencies, and consulting companies in the nation.

Mission

In keeping with the traditional and urban mission of Texas Southern University, the Division of Transportation Studies in the College of Science and Technology will provide education that builds on the latest data, systems and technologies in transportation. In preparing the next generation of transportation professionals, particular attention will be given to attracting and retaining individuals who represent diverse backgrounds socially, economically, and academically, and especially those who have not been well represented among transportation professionals in the past. There is a strong commitment to partnership development and a climate wherein various racial/ethnic and culturally diverse groups can develop their full potential.

Goals and Objectives

The primary goal of the academic program is to educate transportation planners, engineers, specialists, and managers who are able to plan, functionally design, and operate facilities and systems which satisfy the demand for both passenger and freight transportation services. To fulfill both the traditional and urban mission of Texas Southern University, the Transportation Studies Department has established strategic planning initiatives to fulfill both short and long term needs. The Transportation Studies Department shall

- Improve and expand transportation education, training and research.
- Advance technology transfer and expertise.
- Foster sound linkages between the department, other University units, and the public and the private transportation sectors.
- Participate in local, state and federal research and training initiatives.

The principal objectives of graduate study in transportation are:

1. to provide students with the professional knowledge and skills needed to compete successfully in a global economy;
2. to enhance students' abilities to develop creative solutions to complex problems in the context of socioeconomic and environmental considerations; and
3. to develop innovative ways to address transportation needs and problems.

The central focus of the academic program is to:

- identify and respond to the training needs of the transportation industry;
- provide an environment which enables students to develop maximum potential;

- encourage visionary and creative thinking;
- provide varied internships and research opportunities which acquaint students with human knowledge and actual work experiences;
- offer transportation education and training programs directed toward career development in cooperation with business, industry, labor, and public service agencies; and
- identify and meet professional and in service training needs through specialized short-courses, conferences, symposia, and/or seminars.

Requirements for Admission

Applicants must hold a bachelor's degree from an institution of acceptable standing and have a grade point average point of "B" or better in work completed during the last two years of undergraduate study. The applicant who will receive the bachelor's degree at the end of the semester or term when applying for admission will be considered for a conditional admission. The bachelor's degree may be in:

- engineering,
- natural sciences,
- urban/city planning,
- business,
- public administration,
- political studies,
- geography,
- sociology,
- airway science/aviation,
- avionics,
- economics, or
- other transportation-related fields.

The applicant must meet the criteria for admission to the Graduate School. Applications cannot be evaluated until these requirements are met and the Graduate School receives the completed application. Application for admission forms may be obtained from:

The Graduate School
Texas Southern University
3100 Cleburne Avenue
Houston, Texas 77004

For information call the Graduate School at (713) 313-7233, or visit the department website and detailed information on the application steps can be found and downloaded at <http://transportation.tsu.edu/>.

Admission of International Students

Applications from international students are evaluated in the same manner as those of students from the United States. However, international students who have not received any degree or diploma in an institution whose official language is English must satisfactorily pass the Test of English as a Foreign Language (TOEFL) examination. This requirement is designed to determine whether or not students have a sufficient command of English to enable them to pursue their graduate studies effectively.

Degree Requirements

The Master of Science in Transportation Planning and Management degree program is structured to provide a common core of educational and training experiences as well as to provide the flexibility for interfacing with a variety of related disciplines. Efforts are made to equip students with the basic analytical, managerial, and planning competencies

necessary either to work in the transportation industry immediately or to advance to doctoral study successfully.

Basic Requirements

1. Completion of a total of thirty-nine (39) semester credit hours of prescribed coursework.
2. A minimum 3.0 (A = 4.00) quality point average for all graduate work attempted.
3. Demonstration of acceptable grasp of the core courses by successful completion of the written comprehensive examination.
4. Completion of an internship/project report for all non-thesis option students.
5. Completion and successful defense of a thesis with the quality of scientific research for all thesis option students.
6. Demonstration of English proficiency by successfully completing the course English 501 Graduate Professional Writing, or by taking Graduate Record Examination (GRE) or Graduate Management Admission Test (GMAT) and getting score 3.5 or better on the analytical writing portion of the GRE or GMAT.
7. All other requirements of the Graduate School in Texas Southern University.

Computer Literacy

Students will be exposed to uses of computers and computer packages in transportation as part of the curricula. Emphasis is on personal and microcomputers. Students will use packages in highway capacity, traffic signal timing and coordination, traffic simulation and travel demand models in required course work. Students have access to TSU's personal computer laboratories with access to the Internet.

Thesis

The culmination of the program is the successful completion and defense of a thesis which is based upon independent research. The thesis must be prepared in a way that demonstrates rigorous, independent, empirical or applied research. This option will require that the final product of independent research is prepared in a way that demonstrates that the student has acquired a high level analytical ability. The research must exhibit substantive depth, logical organization, high level of creativity, and clarity of ideas. A faculty committee guides the student's work and evaluates the thesis. Students choosing this track must enroll in the thesis course for a total of 6-9 hours, 3 of which can be substituted for by the internship class. The thesis course receive grade of satisfactory or unsatisfactory only. Grades are assigned only after the defense of the thesis. A successful defense and submission of the thesis requires the supervising member of faculty to assign a satisfactory grade for the thesis course.

Internship

Students electing the non-thesis option are required to submit a final report on an investigation conducted while completing the internship or a project report assigned by the faculty advisor. Placements of internships will be sought with various public/private transportation agencies and firms. Students choosing this track must enroll in the 3-hour internship class.

Summary

Code	Title	Hours
	Core Curriculum (p. 633)	15
	Electives & Concentrations (p. 633)	15
	Thesis/Internship (p. 632)	9
Total Hours		39

Core Curriculum Requirements

Code	Title	Hours
	Select one of the following options:	15
Maritime Management and Security		
TMGT 810	Fund Of Trans	
TMGT 811	Fund of Shipping	
TMGT 815	Computer Apps In Trans	
TMGT 823	Economics Of Trans	
TMGT 826	Ship Operations & Mgmt	
Other Concentrations		
TMGT 810	Fund Of Trans	
TMGT 812	Prin Trans & Des Engrng	
TMGT 815	Computer Apps In Trans	
TMGT 823	Economics Of Trans	
TMGT 830	Urban Trans Plng	
Total Hours		15

Electives/Concentrations

Code	Title	Hours
	Select one of the following concentrations:	15
Planning and Policy		
TMGT 811	Fund of Shipping	
TMGT 820	Trans Mgmt & Policy	
TMGT 825	Marine Trans Sys	
TMGT 840	Quan Anal For Trans	
TMGT 842	Tran Project Implementation	
TMGT 845	Sys Anal In Trans	
TMGT 850	Travel Demand Analysis	
TMGT 855	Site Traffic Analysis	
TMGT 862	Hwy Traffic Operations	
TMGT 865	Traffic Signals & Signal Ctrl	
TMGT 870	Freight & Log Mgmt	
TMGT 880	ITS Tech & Applications	
TMGT 882	GIS for Transportation	
TMGT 885	Quan Asmt Tran Envir Impact	
TMGT 890	Transportaton Seminar	
TMGT 818	Trans Research Method	
Systems and Technology		
TMGT 811	Fund of Shipping	
TMGT 825	Marine Trans Sys	
TMGT 840	Quan Anal For Trans	
TMGT 842	Tran Project Implementation	
TMGT 845	Sys Anal In Trans	
TMGT 846	Tran Infrastructure Mgmt	

TMGT 850	Travel Demand Analysis
TMGT 855	Site Traffic Analysis
TMGT 862	Hwy Traffic Operations
TMGT 865	Traffic Signals & Signal Ctrl
TMGT 880	ITS Tech & Applications
TMGT 882	GIS for Transportation
TMGT 885	Quan Asmt Tran Envir Impact
TMGT 890	Transportaton Seminar
TMGT 818	Trans Research Method
Logistics and Management	
TMGT 811	Fund of Shipping
TMGT 820	Trans Mgmt & Policy
TMGT 825	Marine Trans Sys
TMGT 826	Ship Operations & Mgmt
TMGT 842	Tran Project Implementation
TMGT 845	Sys Anal In Trans
TMGT 850	Travel Demand Analysis
TMGT 860	Special Lecture Series
TMGT 865	Traffic Signals & Signal Ctrl
TMGT 870	Freight & Log Mgmt
TMGT 875	Seminar on Ports and Waterways
TMGT 880	ITS Tech & Applications
TMGT 882	GIS for Transportation
TMGT 885	Quan Asmt Tran Envir Impact
TMGT 890	Transportaton Seminar
TMGT 818	Trans Research Method
Maritime Management and Security	
TMGT 820	Trans Mgmt & Policy
TMGT 825	Marine Trans Sys
TMGT 830	Urban Trans Plng
TMGT 842	Tran Project Implementation
TMGT 850	Travel Demand Analysis
TMGT 866	Mktg of Maritime Trans Svcs
TMGT 867	Marine Trans Sys Dsgn & Policy
TMGT 868	Maritime Operations & Tech
TMGT 869	Marine Ins & Cargo Loss Ctrl
TMGT 870	Freight & Log Mgmt
TMGT 875	Seminar on Ports and Waterways
TMGT 871	Maritime Global Trading Sys
TMGT 872	Maritime Ship & Port Security
TMGT 880	ITS Tech & Applications
TMGT 882	GIS for Transportation
TMGT 885	Quan Asmt Tran Envir Impact
TMGT 890	Transportaton Seminar
TMGT 818	Trans Research Method
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TMGT 820	Trans Mgmt & Policy
TMGT 825	Marine Trans Sys
TMGT 870	Freight & Log Mgmt
TMGT 880	ITS Tech & Applications
TMGT 882	GIS for Transportation
TMGT 890	Transportaton Seminar

TMGT 818	Trans Research Method	
AJ 614	Issues in Terrorism and AJ	
Total Hours		15

Thesis

Code	Title	Hours
Integrative Component		
"TMGT 895	Internship"	6
TMGT 899	Thesis	3
Total Hours		9

Course Requirements

Total Semester Credit Hours required: 39

- Core Curriculum: 15 SCH
- Thesis Option
 - Electives 15-18 SCH
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