

**Bachelor of Science Degree in Biology
Comprehensive Track
Degree Plan - Total Credits: 129**

<i>First Year</i>	<i>First Semester</i>		<i>Second Semester</i>	
	BIOL 131 Biological Science I Lec	3	BIOL 132 Biological Science II Lec	3
	BIOL 111 Biological Science I Lab	1	BIOL 112 Biological Science II Lab	1
	CHEM 111 General Chemistry I Lab	1	CHEM 112 General Chemistry II Lab	1
	CHEM 131 General Chemistry I Lec	3	CHEM 132 General Chemistry II Lec	3
	MATH 133 College Algebra	3	MATH 136 PreCalculus	3
	ENG 131 Freshman English I	3	ENG 132 Freshman English II	3
		CS 116 Computer Science I Lec	3	
	14 hrs		17 hrs	

<i>Second Year</i>	<i>Third Semester</i>		<i>Fourth Semester</i>	
	BIOL 211 Developmental Biology Lab	1	BIOL 338 Genetics	3
	BIOL 231 Developmental Biology	3	BIOL 341 Organismic Biology	4
	BIOL 212 Cell Biology Lab	1	CHEM 212 Organic Chemistry II lab	1
	BIOL 232 Cell Biology	3	CHEM 232 Organic Chemistry II Lec	3
	CHEM 211 Organic Chemistry I Lab	1	HIST 231 Social & Political History of the United States to 1877	3
	CHEM 231 Organic Chemistry I Lec	3	PSY 131 or SOC 157 or SOC 158 Intro to Psychology or Sociology or Contemporary Social Issues	3
MATH 241 Calculus & Analytic Geometry I	4			
	16 hrs		17 hrs	

<i>Third Year</i>	<i>Fifth Semester</i>		<i>Sixth Semester</i>	
	BIOL 347 Microbiology	4	BIOL Electives	4
	CHEM 322 Quantitative Analysis Lab	2	BIOL 443 Molecular Biology	4
	CHEM 332 Quantitative Analysis Lec	3	ENG 2xx Upper level English	3
	MUSI 131 or ART 131 Intro to Music or Drawing and Comp. I	3	HIST 232 Social & Political History of the United States since 1877	3
	SC 135 or 136 Business & Professional Communication or Public Address	3	POLS 231 American Political Systems I	3
		15 hrs		17 hrs

<i>Fourth Year</i>	<i>Seventh Semester</i>		<i>Eighth Semester</i>	
	BIOL Electives	7	BIOL Electives	6
	Foreign Language I	3	Foreign Language II	3
	POLS 232 American Political Systems II	3	MATH 231 or BIOL 460 Elementary Statistics or Biostatistics	3
	PHYS 215 – General Physics lab I	1	Phys 216 – General Physics Lab II	1
	PHYS 237 – General Physics I	3	PHYS 238 – General Physics II	3
		17 hrs		16 hrs

Name: _____ T#: _____ Phone: _____

Address: _____

Advisor: _____ Date: _____

Approved:
Chair, Department of Biology: _____ Date: _____

Dean, College of Science & Technology: _____ Date: _____

**Bachelor of Science Degree in Biology
Pre-Health Professional Track
Degree Plan - Total Credits: 129**

<i>First Year</i>	<i>First Semester</i>		<i>Second Semester</i>	
	BIOL 131 Biological Science I Lec	3	BIOL 132 Biological Science II Lec	3
	BIOL 111 Biological Science I Lab	1	BIOL 112 Biological Science II Lab	1
	CHEM 111 General Chemistry I Lab	1	CHEM 112 General Chemistry II Lab	1
	CHEM 131 General Chemistry I Lec	3	CHEM 132 General Chemistry II Lec	3
	MATH 133 College Algebra	3	MATH 136 PreCalculus	3
	ENG 131 Freshman English I	3	ENG 132 Freshman English II	3
			CS 116 Computer Science I Lec	3
	14 hrs		17 hrs	

<i>Second Year</i>	<i>Third Semester</i>		<i>Fourth Semester</i>	
	BIOL 211 Developmental Biology Lab	1	BIOL 300 Seminar	1
	BIOL 231 Developmental Biology	3	BIOL 338 Genetics	3
	BIOL 212 Cell Biology Lab	1	BIOL 341 Organismic Biology	4
	BIOL 232 Cell Biology	3	CHEM 212 Organic Chemistry II lab	1
	CHEM 211 Organic Chemistry I Lab	1	CHEM 232 Organic Chemistry II Lec	3
	CHEM 231 Organic Chemistry I Lec	3	HIST 231 Social & Political History of the United States to 1877	3
	MATH 241 Calculus & Analytic Geometry I	4	PSY 131 or SOC 157 or SOC 158 Intro to Psychology or Sociology or Contemporary Social Issues	3
	16 hrs		17 hrs	

<i>Third Year</i>	<i>Fifth Semester</i>		<i>Sixth Semester</i>	
	BIOL 340 Biochemistry of Biological Comp.	3	BIOL 441 Histology	4
	BIOL 347 Microbiology	4	BIOL 443 Molecular Biology	4
	CHEM 322 Quantitative Analysis Lab	2	ENG 2xx Upper level English	3
	CHEM 332 Quantitative Analysis Lec	3	HIST 232 Social & Political History of the United States since 1877	3
	MUSI 131 or ART 131 Intro to Music or Drawing and Comp. I	3	POLS 231 American Political Systems I	3
	SC 135 or 136 Business & Professional Communication or Public Address	3		
		18 hrs		17 hrs

<i>Fourth Year</i>	<i>Seventh Semester</i>		<i>Eighth Semester</i>	
	BIOL 454 Immunology	3	BIOL 452 Intermediary and Cellular Metabolism	3
	MATH 231 or BIOL 460 Elementary Statistics or Biostatistics	3	BIOL 447 Human Physiology	3
	Foreign Language I	3	Foreign Language II	3
	POLS 232 American Political Systems II	3	Phys 216 – General Physics Lab II	1
	PHYS 215 – General Physics lab I	1	PHYS 238 – General Physics II	3
	PHYS 237 – General Physics I	3		
		16 hrs		13 hrs

Name: _____ T#: _____ Phone: _____
 Address: _____
 Advisor: _____ Date: _____

Approved:
 Chair, Department of Biology: _____ Date: _____

Dean, College of Science & Technology: _____ Date: _____