



BACHELOR OF SCIENCE IN CLINICAL LABORATORY SCIENCE (Effective FALL 2024)

Accredited by the National Accrediting Agency for Clinical Laboratory Sciences

TOTAL CREDITS: 120

	FIRST SEMESTER	HRS	SEM/YR	GRD	SECOND SEMESTER	HRS	SEM/YR	GRD
First Year	CHEM 1111 (formerly 111) General Chemistry I Lab	1			CHEM 1112 (formerly 112) General Chemistry II Lab	1		
	CHEM 1311 (formerly 131) General Chemistry I Lecture	3			CHEM 1312 (formerly 132) General Chemistry II Lecture	3		
	MATH 1314 (formerly 133) College Algebra	3			Social/Behavioral Sciences **** PSYC 2301 (formerly 231)	3		
	ENGL 1301 (formerly 131) Freshman English I	3			ENGL 1302 (formerly 132) Freshmen English II	3		
	BIOL 1306 (formerly 131) Biological Science I Lecture	3			BIOL 1307 (formerly 132) Biological Science II Lecture	3		
	BIOL 1106 (formerly 111) Biology I Lab	1			BIOL 1107 (formerly 112) Biology II Lab	1		
	FS 102 Freshman Seminar *****	1						
	15hrs				14hrs			
	THIRD SEMESTER	HRS	SEM/YR	GRD	FOURTH SEMESTER	HRS	SEM/YR	GRD
Second Year	CHEM 212 (formerly 211) Organic Chemistry I Lab	1			ENGL 23xx Level English Literature *	3		
	CHEM 2323 (formerly 231) Organic Chemistry I Lecture	3			Visual and Performing Arts**	3		
	BIOL 245 and 245L Human Anatomy & Physiology	4			BIOL 246 and 246L OR 347 and 347L Microbiology	4		
	POLS 2305 (formerly 231) American Government	3			POLS 2306 (formerly 232) Texas Government	3		
	HIST 1301 (formerly 231) Social & Political History of the United States to 1877 ***	3			HIST 1302 (formerly 232) Social & Political History of the United States since 1877 ***	3		
	HSCR 300 Health Sciences Seminar- (Medical Terminology)	1						
	15hrs				16hrs			
	FIFTH SEMESTER	HRS	SEM/YR	GRD	SIXTH SEMESTER	HRS	SEM/YR	GRD
Third Year	CLSC 3105 CLS Practice Management	1			CLSC 3452 Hematology I (lecture and lab)	4		
	CLSC 3204 Basic Laboratory Techniques	2			CLSC 3353 Urinalysis and Body Fluids (lecture and lab)	3		
	CLSC 3351 Diagnostic Immunology (lecture and lab)	3			CLSC 3454 Blood Bank I (lecture and lab)	4		
	CLSC 3355 Clinical Chemistry I (lecture and lab)	3			CLSC 3365 Clinical Chemistry II (lecture and lab)	3		
	CLSC 3359 Clinical Microbiology I (lecture and lab)	3			CLSC 3269 Clinical Microbiology II (lecture and lab)	2		
		12hrs				16hrs		
Summer	SUMMER (10-week courses)					HRS	SEM/YR	GRD
	CLSC 3362 Hematology II (lecture and Lab)					3		
	CLSC 3256 Hemostasis (lecture and lab)					2		
	CLSC 4210 Clinical Molecular Biology (lecture and lab)					2		
					7hrs			
	SEVENTH SEMESTER	HRS	SEM/YR	GRD	EIGHTH SEMESTER	HRS	SEM/YR	GRD
Fourth Year	CLS 4206 CLS Management and Ethics	2			CLSC 4307 - Capstone Review	3		
	CLSC 3364 Blood Bank II (lecture and lab)	3			CLSC 4111 CLS Research and Education	1		
	CLSC 4458 Clinical Practicum I	4			CLSC 4460 Clinical Practicum III	4		
	CLSC 4459 Clinical Practicum II	4			CLSC 4461 Clinical Practicum IV	4		
	13hrs				12hrs			

Courses coded as core taken at another Texas Public Institution will be honored.

*Language, Philosophy & Culture (CORE 040) Options: PHIL 1301 ^(PHIL 231), ENGL 23xx: ENGL 2326 ^(ENG 235), ENGL 2328 ^(ENG 244), ENGL 2332 ^(ENG 230), or ENGL 2333 ^(ENG 231)

** Visual and Performing Arts (CORE 050) Options: DRAM/THEA 1310 ^(THEA 130), MUSI 1306 ^(MUSI 136), HUMA/MUSI 1315 ^(MUSI 239), ARTS 1301 (ART 135), ARTS 1315 ^(ART 137) (TCCN: DRAM 1310, MUSI 1306, HUMA 1315, HUMA 2323, ARTS 1301).

***Students are required to take (2) history courses (CORE 060) in any combination. Course options: HIST 1301, HIST 1302, HIST 2327, HIST 2328, HIST 2381, and HIST 2382.

**** Social and Behavioral Sciences (CORE 080) requirements may be fulfilled by one of the following options: ECON 2301 ^(ECON 231), ECON 2302 ^(ECON 232), GEOG 1303 ^(GEOG 132), PSYC 2301 ^(PSY 131), SOCI 1301 ^(SOC 157), SOCI 13606 ^(SOC 158), SOCI 2306 ^(SOC 221), SOCI 2346 ^(SOC 238)

***** Freshman Seminar: A free elective will be applied in place of Freshman Seminar for transfer students

LISTED COURSES

BIOL 245 & 245L

BIOL 347 & 347L

SUBSTITUTED COURSE

BIOL 2301 & 2101 ^(135L) **and** BIOL 2302 & 2102 ^(136L)
(formerly BIOL 135 & 135L **and** 136 & 136L)

BIOL 246 & 246L (BIOL 2420 or BIOL 2421 from transfer schools)

Internship (last year) is restricted to students who have satisfied ALL program requirements and who have been approved for assignment.

Students should seek advisement prior to registering for any course intended to be used as credit toward the Clinical Laboratory Science degree.