

Bachelor of Science (BS) Clinical Laboratory Science

		! Н	H Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		3	3 ENGL 1301	Rhetoric and Composition I		010	Satisfactory scores on English portion of ACT test and TSI	
				·			examination or ENGL 0301.	
		3		Creative Arts		050		See General Education Core for course options.
	3	3		College Algebra		020	College Ready TSI status in Mathematics.	
	FALL	4		Anatomy and Physiology I		030		Satisfies Major-Specific Requirement.
		3	3 HIST 1301	U.S. History I		060		
VEAR			UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.
		16 Semester Total Hours						
TSU	2	3	3 ENGL 1302	Rhetoric And Composition II		010	A grade of 'C' or better in ENGL 1301 or ENGL 1387.	
. "		4	4 BIOL 2402	Anatomy and Physiology II		030	BIOL 2401.	Satisfies Major-Specific Requirement.
							MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388,	
	SPRING	3	3 CHEM 1311	General Chemistry I		030	MATH 2412, MATH 2413, or MATH 2487 with a grade of "C" or higher."	
	SPI	1	1 CHEM 1111	General Chemistry I Lab		090	Credit/registration in CHEM 1301.	
		3		U.S. History II		060		
		3		Elementary Statistical Methods		020	College Ready TSI status in Mathematics.	Satisfies Major-Specific Requirement.
		17	7 Semester Tota				,	
		! Н	H Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		3	3 CHEM 1312	General Chemistry II		030	CHEM 1311.	
		1	1 CHEM 1112	General Chemistry II Lab		090	Credit/registration in CHEM 1312.	
		3	3 POLS 2301	U.S. & Texas Government & Politics I		070		
	FALL	4	1 CLSC 2429	Clinical Microbiology in Health Care			8 hours from: [BIOL 1406 and BIOL 1407] or [BIOL 2401 and BIOL	Satisfies Major-Specific Requirement.
	_			Cililical Wilcrobiology III Health Care			2402] or [BIOL 1487 and BIOL 1488]	Satisfies Major Specific Requirement.
A A	ŧ	3	3	Language, Philosophy & Culture		040	2402] or [BIOL 1487 and BIOL 1488]	See General Education Core for course options.
VEAR		3				040	2402] or [BIOL 1487 and BIOL 1488]	2 1 1
ND VEAR		3 17	7 Semester Tota	Language, Philosophy & Culture Integrative and Experiential Learning			2402] or [BIOL 1487 and BIOL 1488]	See General Education Core for course options. See General Education Core for course options.
COND VEAR		3 17	7 Semester Tota 3 CHEM 2323	Language, Philosophy & Culture Integrative and Experiential Learning I Hours Organic Chemistry I				See General Education Core for course options. See General Education Core for course options. Satisfies Major-Specific Requirement.
SECOND VEAR		3 17 3 1	7 Semester Tota 3 CHEM 2323 1 CHEM 2123	Language, Philosophy & Culture Integrative and Experiential Learning Il Hours Organic Chemistry I Organic Chemistry I Lab		090	2402] or [BIOL 1487 and BIOL 1488] Credit/registration in CHEM 2323.	See General Education Core for course options. See General Education Core for course options. Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement.
SECOND VEAR	NG	3 17 3 1 4	7 Semester Tota 3 CHEM 2323 1 CHEM 2123 4 BIOL 1406	Language, Philosophy & Culture Integrative and Experiential Learning Il Hours Organic Chemistry I Organic Chemistry I Lab General Biology I				See General Education Core for course options. See General Education Core for course options. Satisfies Major-Specific Requirement.
SECOND VEAR	PRING	3 17 3 1 4 3	7 Semester Tota 3 CHEM 2323 1 CHEM 2123 4 BIOL 1406 3 POLS 2302	Language, Philosophy & Culture Integrative and Experiential Learning I Hours Organic Chemistry I Organic Chemistry I Lab General Biology I U.S. & Texas Government & Politics II		090		See General Education Core for course options. See General Education Core for course options. Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement.
SECOND VEAR	SPRING	3 17 3 1 4	7 Semester Tota 3 CHEM 2323 1 CHEM 2123 4 BIOL 1406 3 POLS 2302	Language, Philosophy & Culture Integrative and Experiential Learning Il Hours Organic Chemistry I Organic Chemistry I Lab General Biology I		090		See General Education Core for course options. See General Education Core for course options. Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement. See General Education Core for course options.
SECOND VEAR	SPRING	3 17 3 1 4 3	7 Semester Tota 3 CHEM 2323 1 CHEM 2123 4 BIOL 1406 3 POLS 2302	Language, Philosophy & Culture Integrative and Experiential Learning I Hours Organic Chemistry I Organic Chemistry I Lab General Biology I U.S. & Texas Government & Politics II		090		See General Education Core for course options. See General Education Core for course options. Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement. See General Education Core for course options. Must apply to program (See department website or call
SECOND VEAR	SPRING	3 17 3 1 4 3 3	7 Semester Tota 3 CHEM 2323 1 CHEM 2123 4 BIOL 1406 3 POLS 2302	Language, Philosophy & Culture Integrative and Experiential Learning I Hours Organic Chemistry I Organic Chemistry I Lab General Biology I U.S. & Texas Government & Politics II Social and Behavioral Sciences		090		See General Education Core for course options. See General Education Core for course options. Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement. See General Education Core for course options.

Symbols Key

Critical ('!'): sequence sensitive course.

Minimum Grade: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.

General Education Core (GEC) Sections: 010 - Communication; 020 - Mathematics; 030 - Life and Physical Sciences; 040 - Language, Philosophy & Culture; 050 - Creative Arts; 060 - American History; 070 - Government/Political Science; 080 - Social and Behavioral Sciences; 090 - Computer Application; 090 - Interdisciplinary; 090 - Science Labs; 090 - Wellness.

Language Proficiency Requirement: Student is required to demonstrate language proficiency in a language other than English at the undergraduate level equivalent to a minimum of six credits.

	!	Н	Course #	Course Title Min. Grade GEC	Prerequisite	Additional Notes
		6	CLSC 3630	Clinical Microbiology I	Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
		3	CLSC 3310	Hematology I	Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
	FALL	5	CLSC 3513	Clinical Immunology and Immunohematology	Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
		4	CLSC 3420	Clinical Chemistry I	Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
~		18	Semester Tota			
E		4	CLSC 4411	Clinical Hematology II	CLSC 3310 or permission of the instructor.	Admission requirements (See Department).
Dγ	٧	5	CLSC 4521	Clinical Chemistry II	CLSC 3420 or permission of the instructor.	Admission requirements (See Department).
THIR	SPRING	3	CLSC 4314	Advanced Immunohematology	Admission into the Clinical Laboratory Sciences Program and CLSC 3513.	Admission requirements (See Department).
		6	CLSC 4631	Clinical Microbiology II	CLSC 3630 or permission of the instructor.	Admission requirements (See Department).
		18	Semester Tota	l Hours		
		3	CLSC 4303	Medical Laboratory Leadership	Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
	SUMMER	3	CLSC 4340	Clinical Practicum I	Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631.	Admission requirements (See Department).
	ns	3	CLSC 4341	Clinical Practicum II	Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631.	Admission requirements (See Department).
		9 :	Semester Tota	l Hours		
	!	Н	Course #	Course Title Min. GEO	Prerequisite	Additional Notes
		3	CLSC 4342	Clinical Practicum III	Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631.	Admission requirements (See Department).
æ		3	CLSC 4343	Clinical Practicum IV	Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631.	Admission requirements (See Department).
JRTH YEAR	FALL	1	CLSC 4144	Clinical Practicum V	Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631.	Admission requirements (See Department).
FOL		2	CLSC 4200	Seminar	Admission into the Clinical Laboratory Science Program and completion of CLSC 4340 and CLSC 4341.	Admission requirements (See Department).
		3	CLSC 4315	Molecular Genetics and Molecular Diagnostics	Admission to the Clinical Laboratory Sciences Program or permission of the instructor.	Admission requirements (See Department).
		1	CLSC 4122	Method Development & Research	Admission to the Clinical Laboratory Sciences Program.	Admission requirements (See Department).
		1	CLSC 4116	Advanced Immunology	CLSC 3513.	Admission requirements (See Department).
		14	Semester Tota	0,		, ,
			auirements			

Graduation Requirements

123 TOTAL HOURS (59) TOTAL ADVANCED HOURS Approved: Friday, October 23, 2015 Revised: Thursday, October 22, 2015