

		I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FIRST YEAR	FALL	3		Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302/1388, a grade of "C" or better in ENGL 1301/1387.	See General Education Core for more details Options: ENGL 1301 or ENGL 1387 (H)
		3		Choose 1	Creative Arts (Core)		050		See General Education Core for course options.
		3		Choose 1	Mathematics (Core)		020		See General Education Core for course options.
		4		BIOL 2401	Anatomy and Physiology I				Satisfies Major-Specific Requirement.
		3		Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST 1387 or HIST/MASC 2327
					UNIV 1301	Learning Framework			
<b>16 Semester Total Hours</b>									
FIRST YEAR	SPRING	3		Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302/1388, a grade of "C" or better in ENGL 1301/1387.	See General Education Core for more details Options: ENGL 1302 or ENGL 1388 (H) or ENGL 1305
		4		BIOL 2402	Anatomy and Physiology II			BIOL 2401.	Satisfies Major-Specific Requirement.
		3		CHEM 1311	General Chemistry I		030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, or MATH 2487 with a grade of "C" or higher."	
		1		CHEM 1111	General Chemistry I Lab		090	Credit/registration in CHEM 1301.	
		3		Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1302 or HIST 1388 or HIST/MASC 2328
		3		MATH 1342	Elementary Statistical Methods			College Ready TSI status in Mathematics.	Satisfies Major-Specific Requirement.
<b>17 Semester Total Hours</b>									
		I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
SECOND YEAR	FALL	3		CHEM 1312	General Chemistry II		030	CHEM 1311.	
		1		CHEM 1112	General Chemistry II Lab		090	Credit/registration in CHEM 1312.	
		3		Choose 1	Government/Political Science (Core)		070		See General Education Core for more details Options: POLS 2305 or POLS 2385 (H)
		4		CLSC 2429	Clinical Microbiology in Health Care			8 hours from: [BIOL 1406 and BIOL 1407] or [BIOL 2401 and BIOL 2402] or [BIOL 1487 and BIOL 1488]	Satisfies Major-Specific Requirement.
		3		Choose 1	Language, Philosophy & Culture		040		See General Education Core for course options.
		3		Choose 1	Integrative and Experiential Learning		090		See General Education Core for course options.
<b>17 Semester Total Hours</b>									
SECOND YEAR	SPRING	3		CHEM 2323	Organic Chemistry I				Satisfies Major-Specific Requirement.
		1		CHEM 2123	Organic Chemistry I Lab			Credit/registration in CHEM 2323.	Satisfies Major-Specific Requirement.
		4		BIOL 1406	General Biology I				Satisfies Major-Specific Requirement.
		3		Choose 1	Government/Political Science (Core)		070		See General Education Core for more details Options: POLS 2306 or POLS 2386 (H)
		3		Choose 1	Social and Behavioral Sciences (Core)		080		See General Education Core for course options.
<b>Must apply to program (See department website or call 956-665-5269 for more details)</b>									
<b>14 Semester Total Hours</b>									

**CORE: The 2018-2019 list of core courses can be found at: [www.utrgv.edu](http://www.utrgv.edu) > Academics > Undergraduate > General Education Core  
[www.utrgv.edu/core](http://www.utrgv.edu/core)**

**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 - Applied Communication and Literacies; 090 - Humanities; 090 - Leadership; 090 - Science Labs; 090 - Interdisciplinary; 090 - Technologies; 090 - Language Diversity & Writing.

**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.

	THIRD YEAR							Additional Notes
	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	
FALL	6		CLSC 3630	Clinical Microbiology I	c		Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
	3		CLSC 3310	Hematology I	c		Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
	5		CLSC 3513	Clinical Immunology and Immunohematology	c		Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
	4		CLSC 3420	Clinical Chemistry I	c		Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
<b>18 Semester Total Hours</b>								
SPRING	4		CLSC 4411	Clinical Hematology II	c		CLSC 3310 or permission of the instructor.	Admission requirements (See Department).
	5		CLSC 4521	Clinical Chemistry II	c		CLSC 3420 or permission of the instructor.	Admission requirements (See Department).
	3		CLSC 4314	Advanced Immunohematology	c		Admission into the Clinical Laboratory Sciences Program and CLSC 3513.	Admission requirements (See Department).
	6		CLSC 4631	Clinical Microbiology II	c		CLSC 3630 or permission of the instructor.	Admission requirements (See Department).
<b>18 Semester Total Hours</b>								
SUMMER	3		CLSC 4303	Medical Laboratory Leadership	c		Admission into the Clinical Laboratory Science Program or special approval.	Admission requirements (See Department).
	3		CLSC 4340	Clinical Practicum I	c		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).
	3		CLSC 4341	Clinical Practicum II	c		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).
<b>9 Semester Total Hours</b>								
	FOURTH YEAR							Additional Notes
	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	
FALL	3		CLSC 4342	Clinical Practicum III	c		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).
	3		CLSC 4343	Clinical Practicum IV	c		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).
	1		CLSC 4144	Clinical Practicum V	c		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).
	2		CLSC 4200	Seminar	c		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	c		Admission to the Clinical Laboratory Sciences Program or permission of the instructor.	Admission requirements (See Department).
	1		CLSC 4122	Method Development & Research	c		Admission to the Clinical Laboratory Sciences Program.	Admission requirements (See Department).
	1		CLSC 4116	Advanced Immunology	c		CLSC 3513.	Admission requirements (See Department).
<b>14 Semester Total Hours</b>								

**Note**

This program leads to a profession which requires an occupational license as defined under Texas Occupations Code 58.001. This requires that all applicants seeking to become licensed must undergo a criminal background check prior to licensure.

**Graduation Requirements**

In addition to the graduation requirements listed in the UTRGV 2018-2019 Undergraduate Catalog, demonstration of proficiency in a language other than English is required at the undergraduate level equivalent to a minimum of six credit hours. Proficiency can be demonstrated by a college credit exam, a placement test approved through the UTRGV department of Writing and Language Studies, and/or to six credit hours of college-level language coursework.

**123 TOTAL HOURS**  
**(59) TOTAL ADVANCED HOURS**

Approved: Monday, March 19, 2018  
Revised: Friday, March 30, 2018