

	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 <b>Options: ENGL 1301 or ENGL 1387 (H)</b>	
		3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.	
		3	Choose 1	Mathematics (Core)	C	020	Satisfactory scores on Math portion of ACT test or TSI math exam or MATH 0314/0332/0342.	See General Education Core for course options. <b>MATH 1342 is not an option for the Core. It is required in the major.</b>	
		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. <b>Options: HIST 1301 or HIST 1387 (H) or HIST/MASC 2327</b>	
			UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.	
<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 <b>Options: ENGL 1302 or ENGL 1388 (H) or ENGL 1305</b>	
		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. <b>Options: HIST 1302 or HIST 1388 (H) or HIST/MASC 2328</b>	
		3	MATH 1342	Elementary Statistical Methods			College Ready TSI status in Mathematics.	Satisfies Major-Specific Requirement.	
<b>17 Semester Total Hours</b>									
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 <b>Options: POLS 2305 or POLS 2385 (H)</b>	
		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. <b>One Hour Lab will meet General Education Core requirement.</b>	
3	Choose 1	Government/Political Science (Core)		070		See General Education Core for more details <b>Options: POLS 2306 or POLS 2386 (H)</b>			
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 2019-2020 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.

	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
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>								
THIRD YEAR 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 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>								

123 TOTAL HOURS

(59) TOTAL ADVANCED HOURS

Approved: Monday, June 10, 2019

Revised: Monday, May 6, 2019