

	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)	
		4	BIOL 1406	General Biology I	C			Alternatively BIOL 1487 Honors. Satisfies Major-Specific Requirement.	
		3	CHEM 1311	General Chemistry I	C	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	C	090	Credit/registration in CHEM 1301.		
		3	MATH 1342	Elementary Statistical Methods		020	College Ready TSI status in Mathematics.	Alternatively, MATH 1387 Honors OR MATH 1343 Intro. Biostatistics OR MATH 1388 Honors	
				UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.
14 Semester Total Hours									
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 1407	General Biology II	C		BIOL 1406 or BIOL 1487.	Alternatively BIOL 1488 Honors. Satisfies Major-Specific Requirement.	
		3	CHEM 1312	General Chemistry II	C	030	CHEM 1311.		
		1	CHEM 1112	General Chemistry II Lab	C	090	Credit/registration in CHEM 1312.		
		3	SOCI 1301	Introduction to Sociology	C	080		Support Course	
14 Semester Total Hours									
SECOND YEAR	FALL	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 2401	Anatomy and Physiology I		090		One hour lab Integrative and Experiential Learning	
		3	PHIL 1300	Critical Thinking		040		Other option PHIL 1301	
		3	PSYC 2301	General Psychology				Support Course	
		3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST 1387 or HIST/MASC 2327	
	17 Semester Total Hours								
	SECOND YEAR	SPRING	4	34XX-44XX	Major Advanced Elective				Biology Group D Physiology
			3	CHEM 2325	Organic Chemistry II				Satisfies Major-Specific Requirement.
			1	CHEM 2125	Organic Chemistry II Lab			CHEM 2123.	Satisfies Major-Specific Requirement.
3			Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for course options. Recommended: CSCI 1380 or QUMT 2398.	
3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.			
3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1302 or HIST 1388 or HIST/MASC 2328			
17 Semester Total Hours									

CORE: The 2017-2019 list of core courses can be found at: www.utrgv.edu > Academics > Undergraduate > General Education Core
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 - 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.

	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
THIRD YEAR	FALL	4	BIOL 3413	Genetics			BIOL 1406 (or BIOL 1487) , BIOL 1407 (or BIOL 1487), CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112.	Satisfies Major-Specific Requirement.
		4	PHYS 1401	General Physics I			MATH 1414 or MATH 1314.	Satisfies Major-Specific Requirement.
		3	Choose 1	Government/Political Science (Core)		070		See General Education Core for more details Options: POLS 2305 or POLS 2385 (H)
		3	BIOL 3301	Biological Evolution			BIOL 1406 (or BIOL 1487) and BIOL 1407 (or BIOL 1488), or permission of instructor.	Satisfies Major-Specific Requirement.
14 Semester Total Hours								
THIRD YEAR	SPRING	4	34XX-44XX	Major Advanced Elective				Biology Group A Cellular/Molecular
		4	PHYS 1402	General Physics II			PHYS 1401.	Satisfies Major-Specific Requirement.
		3	CHEM 3303	Biochemistry I			CHEM 2323.	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) Study for Spring MCAT, DAT, OAT, or GRE Apply to Medical, Dental, Optometry or Veterinary Retake exam(s) if necessary
14 Semester Total Hours								
	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FOURTH YEAR	FALL	4	34XX-44XX	Major Advanced Elective				Biology Group B Developmental/Morphology
		4	BIOL 3409	Ecology			9 hours of Biology, including BIOL 1407 (or BIOL 1488).	Satisfies Major-Specific Requirement.
		4	34XX-44XX	Free Advanced Elective				
		3	X3XX-X3XX	Free Elective				
15 Semester Total Hours								
FOURTH YEAR	SPRING	4	34XX-44XX	Free Advanced Elective				
		3	X3XX-X3XX	Free Elective				
		4	34XX-44XX	Major Advanced Elective				Biology Group C Organismal/Environmental
		4	BIOL 4400	Biological Communication (Capstone)			Biology Major of junior standing.	Satisfies Major-Specific Requirement.
15 Semester Total Hours								

Admission Requirements

Admission requirements to this program: BIOL 1406 (or BIOL 1487 Honors), BIOL 1407 (or BIOL 1488 Honors), and CHEM 1311/CHEM 1111 with a 'C' or better grade in all of these courses and Departmental approval.

Graduation Requirements: Must have minimum 2.5 gpa

In addition to the graduation requirements listed in the UTRGV 2017-2019 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.

120 TOTAL HOURS
(42) TOTAL ADVANCED HOURS

Approved:
Revised: Wednesday, March 22, 2017