

		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	Choose 1	Social and Behavioral Sciences (Core)		080		See General Education Core for course options	
			3	MATH 1342	Elementary Statistical Methods	C	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.	
17 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	Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for course options. Recommended: CSCI 1380 or QUMT 2398.	
14 Semester Total Hours										
SECOND YEAR	FALL		3	CHEM 2323	Organic Chemistry I					
			1	CHEM 2123	Organic Chemistry I Lab			Credit/registration in CHEM 2323.		
			3	BIOL 3301	Biological Evolution			BIOL 1406 (or BIOL 1487) and BIOL 1407 (or BIOL 1488), or permission of instructor.	Satisfies Major-Specific Requirement.	
			3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.	
			3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST 1387 or HIST/MASC 2327	
			3	X3XX-X3XX	Minor					
	16 Semester Total Hours									
	SECOND YEAR	SPRING		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.
				3	33XX-43XX	Major Advanced Elective				Biology Group B Organismal/Environmental
				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	X3XX-X3XX	Minor					
13 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 3409	Ecology			9 hours of Biology, including BIOL 1407 (or BIOL 1488).	Satisfies Major-Specific Requirement.	
		4		34XX-44XX	Major Advanced Elective				BIOL 3000/4000	
		3		Choose 1	Government/Political Science (Core)		070		See General Education Core for more details Options: POLS 2305 or POLS 2385 (H)	
		3		X3XX-X3XX	Minor					
		3		X3XX-X3XX	Free Elective					
	17 Semester Total Hours									
	SPRING	3		Choose 1	Government/Political Science (Core)		070		See General Education Core for more details Options: POLS 2306 or POLS 2386 (H)	
		3		33XX-43XX	Major Advanced Elective				Biology Group A Cellular/Molecular	
		3		X3XX-X3XX	Minor					
		4		X4XX-X4XX	Free Elective		090		Recommended BIOL 2401; One hour lab meets Integrative & Experiential Learning	
3			X3XX-X3XX	Free Elective						
16 Semester Total Hours										
FOURTH YEAR	FALL	4		34XX-44XX	34XX-44XX				BIOL 3000/4000	
		3		33XX-43XX	Major Advanced Elective				Biology Group C Ecological/Environmental	
		3		33XX-43XX	Minor (Advanced)					
		3		Choose 1	Creative Arts (Core)		050		See General Education Core for course options.	
		13 Semester Total Hours								
	SPRING	3		33XX-43XX	Minor (Advanced)					
		4		34XX-44XX	Major Advanced Elective				BIOL 3000/4000	
		3		X3XX-X3XX	Free Elective					
		4		BIOL 4400	Biological Communication (Capstone)			Biology Major of junior standing.	Satisfies Major-Specific Requirement.	
		14 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:

1. Minimum 44 credit hours in Biology and 2.50 Biology GPA; At least 36 upper division hours in Biology.
2. 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