

	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	SOCI 1301	Introduction to Sociology				Support Course: SOCI 1301, cannot be used for the General Education Core section 080.
	3	MATH 1342 or MATH 1343	Elementary Statistical Methods (or MATH 1387 (H) or Introduction to Biostatistics (or MATH 1388 (H)	C	020		See General Education Core for more details.
		UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.
13 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 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 1311.	
	3	X3XX	Free Elective				Elective: MATH 1314 "C" or better- prerequisite for PHYS 1401
14 Semester Total Hours							
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	
	4	33XX - 44XX	BIOL Elective				Biology Group D Physiology
	3	PHIL 1300 or PHIL 1301 or PHIL 1366	Critical Thinking or Introduction to Philosophy or Philosophy and History of Science and Technology		040		See General Education Core for more details.
	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 (H) or HIST/MASC 2327
	17 Semester Total Hours						
SECOND YEAR SPRING	3	BIOL 3301	Biological Evolution			BIOL 1406 (or BIOL 1487) and BIOL 1407 (or BIOL 1488), or permission of instructor.	
	3	CHEM 2323	Organic Chemistry I			Prerequisite: CHEM 1312	Satisfies Major-Specific Requirement.
	1	CHEM 2123	Organic Chemistry I Lab			Credit/Registration in CHEM 2323	Satisfies Major-Specific Requirement.
	3	Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for course options.
	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 (H) or HIST/MASC 2328
16 Semester Total Hours							

CORE: The 2019-2020 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 - Applied Communication and Literacies; 090 - Humanities; 090 - Leadership; 090 - Science Labs; 090 - Interdisciplinary; 090 - Technologies; 090 - Language Diversity & Writing.

		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.
		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	Government/Political Science (Core)		070		See General Education Core for more details. Options: POLS 2305 or POLS 2385 (H)
		1	Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for more details.
		4	PHYS 1401	General Physics I			MATH 1414, MATH 1314, MATH 2412 or MATH 2413	Satisfies Major-Specific Requirement.
16 Semester Total Hours								
SPRING		4	34XX-44XX	Biology 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)
14 Semester Total Hours								
Retake exam(s) if necessary								
		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FOURTH YEAR	FALL	4	34XX-44XX	Biology Elective				Biology Group B Developmental/Morphology
		4	BIOL 3409	Ecology			9 hours of Biology, including BIOL 1407 (or BIOL 1488).	Satisfies Major-Specific Requirement.
		3	X3XX-X3XX	Free Elective				Satisfies Major-Specific Requirement. Recommend BIOL 2401
		4	34XX-44XX	Free Advanced Elective				Satisfies Major-Specific Requirement.
		15 Semester Total Hours						
SPRING		4	34XX-44XX	Free Advanced Elective				Satisfies Major-Specific Requirement.
		3	Choose 1	Social and Behavioral Science		080		See General Education Core: Except SOCI 1301 and PSYC 2301.
		4	34XX-44XX	Biology Elective				Biology Group C Organismal/Environmental
		4	BIOL 4400	Biological Communication (Capstone)			Biology Major of junior standing; 15 Advanced hours in Biology	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:

1. A 2.5 minimum GPA in Major Requirements is required for graduation.

120 TOTAL HOURS

(42) TOTAL ADVANCED HOURS

Approved: Friday, March 22, 2019

Revised: Monday, May 6, 2019