

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FALL	3	Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	See General Education Core for more details. <b>Options: ENGL 1301</b>
	4	BIOL 1406	General Biology I	C	090		Satisfies Major-Specific Requirement. (One-Hour Lab requirement in the General Education Core).
	3	CHEM 1311	General Chemistry I (Core)	C	030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, with a grade of C or higher.	
	1	CHEM 1111	General Chemistry I Lab (Core)	C	090	Credit/registration in CHEM 1311	
	3	Choose 1	Social and Behavioral Sciences (Core)		080		See General Education Core for course options
	3	MATH 1342 or MATH 1343	Elementary Statistical Methods or Introduction to Biostatistics (Core)	C	020	College ready TSI status in Mathematics	
FIRST YEAR		UNIV	1301 Learning Framework 1101 Academic and Career Success 1001 Living and Working by Design				As required, based on credit hours earned, TSI status, High school rank, major declaration
<b>17 Semester Total Hours</b>							
SPRING	3	Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	See General Education Core for more details. <b>Options: ENGL 1302 or ENGL 1305</b>
	4	BIOL 1407	General Biology II	C		BIOL 1406	Satisfies Major-Specific Requirement.
	3	CHEM 1312	General Chemistry II (Core)		030	CHEM 1311.	
	1	CHEM 1112	General Chemistry II Lab (Core)		090	Credit/registration in CHEM 1312.	
	3	Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for course options.
<b>14 Semester Total Hours</b>							
	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FALL	3	CHEM 2323	Organic Chemistry I			CHEM 1312	Satisfies Major-Specific Requirement.
	1	CHEM 2123	Organic Chemistry I Lab			CHEM 1112	Satisfies Major-Specific Requirement.
	3	BIOL 3301	Biological Evolution			Grade of 'C' or better in the following: BIOL 1406 and BIOL 1407, or consent 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. <b>Options: HIST 1301 or HIST 2327</b>
	3	X3XX-X3XX	Minor				
<b>16 Semester Total Hours</b>							
SPRING	4	BIOL 3413	Genetics			BIOL 1406, BIOL 1407, CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112.	Satisfies Major-Specific Requirement.
	4	BIOL 14XX-44XX	Prescribed Advanced Elective				Prescribed Electives: Organismal <b>BIOL 2401</b>
	3	Choose 1	American History (Core)		060		See General Education Core for more details. <b>Options: HIST 1302 or HIST 2328</b>
	3	X3XX-X3XX	Minor				
<b>14 Semester Total Hours</b>							

CORE: The 2022-2023 list of core courses can be found in the 2022-2023 Undergraduate Catalog: [www.utrgv.edu/smartcatalog](http://www.utrgv.edu/smartcatalog) > Bachelors Degree Regulations and Graduation Policies > 'Core Curriculum'

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 3409	Ecology			Grade of 'C' or better in the following: BIOL 1406 and BIOL 1407.	Satisfies Major-Specific Requirement.	
		3	BIOL 33XX-43XX	Prescribed Advanced Elective				BIOL 3000/4000	
		3	POLS 2305	U.S. Federal Government and Politics (Core)		070		See General Education Core for more details.	
		3	X3XX-X3XX	Minor					
		3	X3XX-X3XX	Free Elective					
		<b>16 Semester Total Hours</b>							
THIRD YEAR	SPRING	3	POLS 2306	Texas Government and Politics (Core)		070		See General Education Core for more details.	
		4	BIOL 34XX-44XX	Prescribed Advanced Elective				Prescribed Electives: Cellular/Molecular	
		3	X3XX-X3XX	Minor					
		4	X4XX-X4XX	Free Advanced Elective				Recommended BIOL 2401	
		3	X3XX-X3XX	Free Elective					
		<b>17 Semester Total Hours</b>							
		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FOURTH YEAR	FALL	3	BIOL 33XX-43XX	Prescribed Advanced Elective				BIOL 3000/4000	
		4	BIOL 34XX-44XX	Prescribed Advanced Elective				Prescribed Electives: Ecological/Environmental	
		3	33XX-43XX	Minor (Advanced)					
		3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.	
			<b>13 Semester Total Hours</b>						
FOURTH YEAR	SPRING	3	33XX-43XX	Minor (Advanced)					
		3	33XX-43XX	Prescribed Advanced Elective				BIOL 3000/4000 or CHEM 3000	
		3	X3XX-X3XX	Free Elective					
		4	BIOL 4400	Biological Communication (Capstone)			Senior standing and 15 advanced hours of Biology.	Satisfies Major-Specific Requirement.	
		<b>13 Semester Total Hours</b>							

**Major Graduation Requirements**

1. Specific graduation requirements required for this program beyond university bachelor's degree requirements.

A 2.5 minimum GPA in the major is required for graduation.

**120 TOTAL HOURS**

**(42) Advanced minimum credit hours**

Approved: Tuesday, December 6, 2022

Revised: Wednesday, November 16, 2022