

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes		
FIRST YEAR	FALL	3	Choose 1	Communication	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 Options: ENGL 1301	
		3	MATH 1314 or MATH 1414 or MATH 2412	College Algebra or Precalculus	C	020	MATH 1314 or MATH 1414: College Ready TSI status in Mathematics. MATH 2412: MATH 1314 or MATH 1414 with a grade of 'C' or better; or passing the College Algebra Exemption Test administered by the Department of Mathematics.	See General Education Core for more details.	
		4	ENVR 1401	Introduction to Environmental Science I			030/ 090		Satisfies General Education Core-Life & Physical Sciences and Int. Exper. Learning
		3	Choose 1	Social and Behavioral Sciences			080		See General Education Core for course options
		4	BIOL 1406	General Biology I			090		One hour Integrative & Experiential Learning. Supporting Sciences.
				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>									
FIRST YEAR	SPRING	3	Choose 1	Communication	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 Options: ENGL 1302 or ENGL 1305	
		4	ENVR 1402	Introduction to Environmental Science II			030/ 090		Satisfies General Education Core-Life & Physical Sciences and Int. Exper. Learning
		3	CHEM 1311	General Chemistry I				MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 2412, MATH 2413 with a grade of "C" or higher."	Satisfies Major-Science Foundation
		1	CHEM 1111	General Chemistry I Lab				Credit/registration in CHEM 1301.	Satisfies Major-Science Foundation
		3	Choose 1	Language, Philosophy & Culture			040		See General Education Core for course options.
		3	MATH 1342	Elementary Statistical Methods	C			College Ready TSI status in Mathematics.	Satisfies Major-Science Foundation
<b>17 Semester Total Hours</b>									
	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes		
SECOND YEAR	FALL	3	ENVR 2301	Earth System Science				Satisfies Major-Environmental Science Core	
		4	GEO 1403	Physical Geology				Satisfies Major-Science Foundation	
		3	POLS 2305	U.S. Federal Government & Politics			070		See General Education Core for more details
		4	MATH 2413	Calculus I	C			MATH 2412 with a grade of 'C' or better; or passing the Precalculus Exemption Test administered by the Department of Mathematics.	Satisfies Major-Science Foundation
		<b>14 Semester Total Hours</b>							
SECOND YEAR	SPRING	3	ENVR 2302	Environment and Society				Satisfies Major-Environmental Science Core	
		3	CHEM 1312	General Chemistry II			CHEM 1311.	Satisfies Major-Specific Elective. Recommended Supporting Sciences course	
		1	CHEM 1112	General Chemistry II Lab				Credit/registration in CHEM 1312	Satisfies Major-Specific Elective. Recommended Supporting Sciences course
		4	PHYS 1401 or 2425	General Physics I or Physics for Scientists and Engineers I				MATH 1414, MATH 1314, MATH 2412 or MATH 2413 for PHYS 1401; MATH 2413 and concurrent enrollment in MATH 2414 for PHYS 2425	Satisfies Major-Science Foundation
		3	POLS 2306	Texas Government & Politics			070		See General Education Core for more details
3	Choose 1	Creative Arts			050		See General Education Core for course options.		
<b>17 Semester Total Hours</b>									

The 2024-2026 list of core courses can be found in the 2024-2026 Undergraduate Catalog: [www.utrgv.edu/catalog](http://www.utrgv.edu/catalog) > See 'Bachelors Degree Program Regulations'

**Symbols Key**

**Minimum Grade:** A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.  
**Bolded Course #:** Program Admission Requirement

**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	3	Choose 1	Integrative and Experiential Learning		090		See General Education Core for course options
		3	Choose 1	American History		060		See General Education Core for more details. Options: HIST 1301 or HIST 2327
		3	ENVR 3303	Research Methodology and Data Analysis in Environmental Sciences			Environmental Science Major or Minor with junior status and MATH 1342 or MATH 1325 with a grade of 'C' or better	Satisfies Major-Specific Requirement.
		3	CHEM 2323	Organic Chemistry I				Satisfies Major-Specific Elective. Recommended Supporting Sciences course. PREREQ for CHEM 3401
		1	CHEM 2123	Organic Chemistry I Lab				Satisfies Major-Specific Elective. Recommended Supporting Sciences course. PREREQ for CHEM 3401
<b>13 Semester Total Hours</b>								
THIRD YEAR	SPRING	3	Choose 1	Environmental Chemistry Concentration				See Degree Plan for options.
		3	Choose 1	American History		060		See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328
		4	34XX-44XX	Free Advanced Elective				
		4	Choose 1	Environmental Chemistry Concentration				See Degree Plan for options.
		4	CHEM 3401	Environmental Chemistry			CHEM 2323 and CHEM 2123.	Satisfies Major-Specific Elective
<b>18 Semester Total Hours</b>								
		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FOURTH YEAR	FALL	4	Choose 1	Environmental Chemistry Concentration Elective				See Degree Plan for options.
		4	Choose 1	Environmental Chemistry Concentration Elective				See Degree Plan for options.
		4	GEOL 4411	Introduction to Geographic Information Systems				Satisfies Major-Environmental Science Core
	<b>12 Semester Total Hours</b>							
FOURTH YEAR	SPRING	4	Choose 1	Environmental Chemistry Concentration Elective				See Degree Plan for options.
		2	Choose 1	Environmental Chemistry Concentration Elective				See Degree Plan for options.
		3	33XX-43XX	Free Advanced Elective				
		3	33XX-43XX	Free Advanced Elective				
<b>12 Semester Total Hours</b>								

120 TOTAL HOURS

(42) Advanced minimum credit hours

Revised: Wednesday, October 10th, 2024