



Bachelor of Science (BS)
Environmental Science
Environmental Chemistry

2025-2026

		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 1001/1300 Living and Working by Design				As required, based on a number of factors such as credit hours earned, TSI status, high school rank, major declaration, etc.	
		17 Semester Total Hours							
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	
		17 Semester Total Hours							
		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	GEOL 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	
		14 Semester Total Hours							
	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.		
		17 Semester Total Hours							

The 2024-2026 list of core courses can be found in the 2024-2026 Undergraduate Catalog: 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
	13 Semester Total Hours							
	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
18 Semester Total Hours								
		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
		12 Semester Total Hours						
	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				
		12 Semester Total Hours						

120 TOTAL HOURS

(42) Advanced minimum credit hours

Revised: Tuesday, February 18th, 2025