



**Bachelor of Science (BS)**  
**Environmental Science**  
*Environmental Biology*

**2024-2026**

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
<b>FIRST YEAR</b> 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
			UNIV	1301 Learning Framework 1101 Academic and Career Success 1001 Living and Working by Design			
<b>13 Semester Total Hours</b>							
<b>FIRST YEAR</b> 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	MATH 1342	Elementary Statistical Methods	C		College Ready TSI status in Mathematics.	Satisfies Major-Science Foundation
	3	Choose 1	Language, Philosophy & Culture		040		See General Education Core for course options
<b>13 Semester Total Hours</b>							
<b>SECOND YEAR</b> FALL	3	ENVR 2301	Earth System Science				Satisfies Major-Environmental Science Core
	4	BIOL 1406	General Biology I		090		One hour Integrative & Experiential Learning. Supporting Sciences.
	3	Choose 1	Integrative/Experiential Learning Option		090		See General Education Core for course options
	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>17 Semester Total Hours</b>						
<b>SECOND YEAR</b> SPRING	3	ENVR 2302	Environment and Society				Satisfies Major-Environmental Science Core
	4	BIOL 1407	General Biology II			BIOL 1406 or BIOL 1487.	Satisfies Major-Supporting Sciences. Prescribed Elective
	3	Choose 1	Creative Arts		050		See General Education Core for course options
	3	POLS 2306	Texas Government & Politics		070		See General Education Core for more details
<b>13 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	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-Environmental Science Core
		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 1311.	Satisfies Major-Science Foundation
		4	GEOL 1403	Physical Geology				Satisfies Major-Science Foundation
		3	Choose 1	American History		060		See General Education Core for more details. Options: HIST 1301 or HIST 2327
		4	ENVR 3409	Environmental Ecology and Sustainability			Grade of 'C' or better in the following: ENVR 1401 or BIOL 1406.	Satisfies Major-Environmental Biology Conc. Required Course
<b>18 Semester Total Hours</b>								
THIRD YEAR	SPRING	4	GEOL 4411	Introduction to Geographic Information Systems				Satisfies Major-Environmental Science Core
		4	PHYS 1401 or 2425	General Physics I or Physics for Scientists and Engineers I			PHYS 1401: MATH 1414, MATH 1314, MATH 2412, or MATH 2413. PHYS 2425: MATH 2413.	Satisfies Major-Science Foundation
		3	Choose 1	American History		060		See General Education Core for more details. Options: HIST 1302 or HIST 2328
		4	33XX-43XX	Free Advanced Elective				
<b>15 Semester Total Hours</b>								
		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FOURTH YEAR	FALL	3	Choose 1	Environmental Biology Concentration				See Degree Plan for options.
		3	Choose 1	Environmental Biology Concentration				See Degree Plan for options.
		3	Choose 1	Environmental Biology Concentration				See Degree Plan for options.
		4	Choose 1	Prescribed Elective				Satisfies Major-Supporting Sciences. CHEM 1312/1112, CHEM 2323/2123, GEOL 1404, MATH 2414, PHYS 1402
<b>13 Semester Total Hours</b>								
FOURTH YEAR	SPRING	4	34XX-44XX	Free Advanced Elective				
		4	Choose 1	Environmental Biology Concentration				See Degree Plan for options.
		4	Choose 1	Environmental Biology Concentration				See Degree Plan for options.
		3	33XX-43XX	Free Advanced Elective				
		3	33XX-43XX	Free Advanced Elective				
<b>18 Semester Total Hours</b>								

120 TOTAL HOURS

(42) Advanced minimum credit hours

Revised: Wednesday, October 10th, 2024