

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

The 2026-2027 list of core courses can be found in the 2026-2027 Undergraduate Catalog: [www.utrgv.edu/catalog](http://www.utrgv.edu/catalog) > See 'Bachelors Degree Program Regulations'

Symbols Key											
Campus: B - Offered in Brownsville; E - Offered in Edinburg; O - Offered Online; T - Travel Required											
Bolded Course Number*: Program Admission Requirement											
Min Grade: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.											
Core: 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;											
Core: 090 - Applied Communication and Literacies; Humanities; Leadership; Science Labs; Interdisciplinary; Technologies; Language Diversity & Writing											
Year	Semester	Credit Hours	Campus	Course Number	Course Title	Minimum Grade	Core	Prerequisite	Additional Notes		
1	Fall	3	B/E/O	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		
1	Fall	4	B/E/O	ENVR 1401	Introduction to Environmental Science I		030/090		Satisfies General Education Core-Life & Physical Sciences and Int. Exper. Learning		
1	Fall	3	B/E/O	Choose 1	Social and Behavioral Sciences		080		See General Education Core for course options		
1	Fall	4	B/E/O	GEOL 1403	Physical Geology				Satisfies Major-Specific Requirement. Science Foundation.		
1	Fall		B/E/O	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.		
1	Fall	<b>14</b>	<b>Semester Total Hours</b>								
1	Spring	3	B/E/O	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		
1	Spring	4	B/E	ENVR 1402	Introduction to Environmental Science II	C	030/090		Satisfies General Education Core-Life & Physical Sciences and Int. Exper. Learning		
1	Spring	3	B/E/O	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.		
1	Spring	3	B/E/O	Choose 1	Creative Arts		050		See General Education Core for course options.		
1	Spring	<b>13</b>	<b>Semester Total Hours</b>								
Year	Semester	Credit Hours	Campus	Course Number	Course Title	Minimum Grade	Core	Prerequisite	Additional Notes		
2	Fall	3	B	ENVR 2301	Earth System Science				Satisfies Major Environmental Science Foundation.		
2	Fall	3	B	ENVR 2302	Environment and Society				Satisfies Major Environmental Science Foundation.		
2	Fall	3	B/E/O	Choose 1	Language, Philosophy & Culture		040		See General Education Core for course options.		
2	Fall	3	B/E/O	POLS 2305	U.S. Federal Government & Politics		070		See General Education Core for more details		
2	Fall	4	B/E/O	MATH 2413	Calculus I			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		
2	Fall	<b>16</b>	<b>Semester Total Hours</b>								
2	Spring	4	B/E	BIOL 1406	General Biology I		090		One hour Integrative & Experiential Learning. Satisfies Major-Specific Requirement. Science Foundation.		
2	Spring	4	B/E	Choose 1	Support Courses				Choose 8 hours of support Courses.		
2	Spring	3	B/E/O	MATH 1342	Elementary Statistical Methods	C		College Ready TSI status in Mathematics.	Satisfies Major-Science Foundation		
2	Spring	3	B/E/O	POLS 2306	Texas Government & Politics		070		See General Education Core for course options.		
2	Spring	3	B/E	Choose 1	Integrative Human Dimensions				Satisfies Major-Integrative Human Dimensions. See Degree Plan for options.		
2	Spring	<b>17</b>	<b>Semester Total Hours</b>								

Year	Semester	Credit Hours	Campus	Course Number	Course Title	Minimum Grade	Core	Prerequisite	Additional Notes	
3	Fall	3	B/E	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 Foundation.	
3	Fall	3	B/E	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.	
3	Fall	1	B/E	CHEM 1111	General Chemistry I Lab			Credit/registration in CHEM 1301.	Satisfies Major-Science Foundation.	
3	Fall	3	B/E	Choose 1	American History		060		See General Education Core for more details. Options: HIST 1301 or HIST 2327	
3	Fall	4	B	GEOL 4411	Introduction to Geographic Information Systems				Satisfies Major Environmental Science Foundation.	
3	Fall	3	B/E	Choose 1	Integrative Human Dimensions				Satisfies Major-Integrative Human Dimensions. See Degree Plan for options.	
3	Fall	17	<b>Semester Total Hours</b>							
3	Spring	3	B/E	Choose 1	Integrative/Experiential Learning Option		090		See General Education Core for course options.	
3	Spring	4	B/E	Choose 1	Support Courses				Choose 8 hours of support Courses.	
3	Spring	3	B/E	Choose 1	American History		060		See General Education Core for more details. Options: HIST 1302 or HIST 2328	
3	Spring	3	B/E/O	Choose 1	Prescribed Electives				See Degree Plan for course options.	
3	Spring	13	<b>Semester Total Hours</b>							
Year	Semester	Credit Hours	Campus	Course Number	Course Title	Minimum Grade	Core	Prerequisite	Additional Notes	
4	Fall	3	B/E/O	Choose 1	Advanced Free Elective				See Degree Plan for course options.	
4	Fall	4	B/E	PHYS 1401 or PHYS 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-Specific Requirement.	
4	Fall	4	B/E/O	Choose 1	Prescribed Electives				See Degree Plan for course options.	
4	Fall	4	B/E/O	Choose 1	Prescribed Electives				See Degree Plan for course options.	
4	Fall	15	<b>Semester Total Hours</b>							
4	Spring	3	B/E/O	Choose 1	Advanced Free Elective				See Degree Plan for course options.	
4	Spring	4	B/E/O	Choose 1	Prescribed Electives				See Degree Plan for course options.	
4	Spring	4	B/E/O	Choose 1	Prescribed Electives				See Degree Plan for course options.	
4	Spring	4	B/E/O	Choose 1	Prescribed Electives				See Degree Plan for course options.	
4	Spring	15	<b>Semester Total Hours</b>							
		120	<b>TOTAL HOURS</b>							
		(42)	Advanced minimum credit hours							

Revised: Tuesday, March 24, 2026