

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	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	ENVR 1401	Introduction to Environmental Science I (Core)	C	030		Satisfies General Education Core-Life & Physical Sciences and Int. Exper. Learning	
	4	GEOL 1403	Physical Geology				Satisfies Major-Science Foundation	
	3	Choose 1	Social and Behavioral Sciences (Core)		080		See General Education Core for course options.	
		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>14 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	ENVR 1402	Introduction to Environmental Science II (Core)	C	030		ENVR 1401 with a grade of 'C' or better.	Satisfies General Education Core-Life & Physical Sciences and Int. Exper. Learning
	3	MATH 1314/MATH 1414 or MATH 2412	College Algebra OR Pre-Calculus (Core)	C	020		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.	Select per math placement results.
	3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.	
<b>13 Semester Total Hours</b>								
SECOND YEAR	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
	3	ENVR 2301	Earth System Science				Satisfies Major-Environmental Science Core	
	4	BIOL 1406	General Biology I (Core)		090		One hour Integrative & Experiential Learning. Supporting Sciences.	
	3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.	
	3	POLS 2305	U.S. Federal Government & Politics (Core)		070		See General Education Core for course options.	
	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>								
SPRING	3	ENVR 2302	Environment and Society				Satisfies Major-Environmental Science Core	
	4	BIOL 1407	General Biology II			BIOL 1406	Satisfies Major-Supporting Sciences.	
	3	MATH 1342	Elementary Statistical Methods	C		College Ready TSI status in Mathematics.	Satisfies Major-Science Foundation	
	3	POLS 2306	Texas Government & Politics (Core)		070		See General Education Core for course options.	
	3	ENVR 3301	Natural Resources Conservation			ENVR 1402 with a grade of 'C' or better.	Satisfies Major-Interdisciplinary Environmental Science Concentration - Required Course	
<b>16 Semester Total Hours</b>								

**CORE: The 2021-2022 list of core courses can be found in the 2021-2022 Undergraduate Catalog: [www.utrgv.edu/catalog](http://www.utrgv.edu/catalog) > See '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	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 1301.	Satisfies Major-Science Foundation.
		3	Choose 1	American History (Core)		060		See General Education Core for more details. <b>Options: HIST 1301 or HIST/MASC 2327</b>
		3	Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for course options.
		3	Choose 1	Interdisciplinary Environmental Science Concentration Elective				See Degree Plan for course options.
		<b>16 Semester Total Hours</b>						
THIRD YEAR	SPRING	4	GEOL 4411	Introduction to Geographic Information Systems				Satisfies Major-Environmental Science Foundation.
		3	CHEM 1312	General Chemistry II			CHEM 1311.	See Degree Plan for course options.
		1	CHEM 1112	General Chemistry II Lab			Credit/registration in CHEM 1312	
		3	Choose 1	American History (Core)		060		See General Education Core for more details. <b>Options: HIST 1302 or HIST/MASC 2328</b>
		3	ENVR 3302	Environmental Ethics			ENVR 1401 with a grade of 'C' or better.	Satisfies Major-Interdisciplinary Environmental Science Concentration - Required Course
		<b>14 Semester Total Hours</b>						
	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FOURTH YEAR	FALL	3	33XX-43XX	Free Advanced Elective				Satisfies Major-Specific Requirement.
		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.
		4	Choose 1	Interdisciplinary Environmental Science Concentration Elective				See Degree Plan for course options.
		4	Choose 1	Interdisciplinary Environmental Science Concentration Elective				See Degree Plan for course options.
		<b>15 Semester Total Hours</b>						
FOURTH YEAR	Spring	3	33XX-43XX	Free Advanced Elective				Satisfies Major-Specific Requirement.
		4	Choose 1	Interdisciplinary Environmental Science Concentration Elective				See Degree Plan for course options. (at least 12 must be from Science Electives)
		4	Choose 1	Interdisciplinary Environmental Science Concentration Elective				See Degree Plan for course options. (at least 12 must be from Science Electives)
		4	34XX-44XX	Free Advanced Elective				Satisfies Major-Specific Requirement.
		<b>15 Semester Total Hours</b>						

**120 TOTAL HOURS**

Approved: Saturday, October 23, 2021

**(42) Advanced Minimum Credit Hours**

Revised: Sunday, October 3, 2021