

		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	FALL	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	030/090			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. <b>ANTH, ECON, PSYC, or SOCI course recommended for PREREQ ANTH 4314</b>	
		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)		030/090			ENVR 1401 with a grade of 'C' or better.	Satisfies General Education Core-Life & Physical Sciences and Int. Exper. Learning
	3	Choose 1	Integrative and Experiential Learning			090		See General Education Core for course options.	
	3	Choose 1	American History (Core)			060		See General Education Core for more details. <b>Options: HIST 1301 or HIST 2327</b>	
	3	MATH 1314 or MATH 2412	College Alegbra 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.	
		<b>16 Semester Total Hours</b>							
SECOND YEAR	FALL	3	ENVR 2301	Earth System Science				Satisfies Major-Environmental Science Core.	
		4	BIOL 1406	General Biology I (Core)			090		One hour Integrative & Experiential Learning. Satisfies Major-Science Foundation
		3	MATH 1342	Elementary Statistical Methods	C			College Ready TSI status in Mathematics.	Satisfies Major-Science Foundation.
		3	POLS 2305	U.S. Federal Government & Politics (Core)			070		See General Education Core for more details.
		3	Choose 1	American History (Core)			060		See General Education Core for more details. <b>Options: HIST 1302 or HIST 2328</b>
			<b>16 Semester Total Hours</b>						
SPRING	3	ENVR 2302	Environment and Society					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.	
	3	Choose 1	Creative Arts (Core)			050		See General Education Core for course options.	
	3	POLS 2306	Texas Government & Politics (Core)			070		See General Education Core for more details.	
	4	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.	
		<b>17 Semester Total Hours</b>							

**CORE: The 2022-2023 list of core courses can be found in the 2022-2023 Undergraduate Catalog: [www.utrgv.edu/smartcatalog](http://www.utrgv.edu/smartcatalog) > Bachelors Degree Regulations and Graduation Policies > '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	ENVR 4301 or POLS 4356	Environmental Regulations or U.S. Environmental Policy			Junior or Senior Standing or POLS 2305, or POLS 2385, or POLS 2301, or POLS 2313.	Satisfies Major-Specific Elective. See Degree Plan for course options.	
		3	33XX-43XX	Free Advanced Elective				Supporting Sciences. MATH 3335 is recommended Elective	
		3	33XX-43XX	Free Advanced Elective				HIST 3300 is recommended. PREREQ for HIST 3302	
		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.	
		<b>16 Semester Total Hours</b>							
SPRING		4	GEOL 4411	Introduction to Geographic Information Systems				Satisfies Major-Environmental Science Core.	
		3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options. ANTH 4314, CRIJ 4316, HIST 3302, HIST 3335, PHIL 3352, SOCI 3312	
		4	Choose 1	Prescribed Electives				Satisfies Major-Supporting Sciences. BIOL 1407, CHEM 1312/1112, CHEM 2323/2123, GEOL 1404, MATH 2414, PHYS 1402 or PHYS 2426	
		3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options. ANTH 4314, CRIJ 4316, HIST 3302, HIST 3335, PHIL 3352, SOCI 3312	
		<b>14 Semester Total Hours</b>							
FOURTH YEAR	FALL		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
			3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options. ANTH 4314, CRIJ 4316, HIST 3302, HIST 3335, PHIL 3352, SOCI 3312
			4	Choose 1	Prescribed Electives				Satisfies Major-Supporting Sciences. BIOL 1407, CHEM 1312/1112, CHEM 2323/2123, GEOL 1404, MATH 2414, PHYS 1402 or PHYS 2426
			3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options. ANTH 4314, CRIJ 4316, HIST 3302, HIST 3335, PHIL 3352, SOCI 3312
			4	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options. ENVR 3301, ENVR 3302, ENVR 3304, ENVR 4302, GEOL 4302, GEOL 4408, GEOL 4412, MGMT 4362.
		<b>14 Semester Total Hours</b>							
SPRING			3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options. ENVR 3301, ENVR 3302, ENVR 3304, ENVR 4302, GEOL 4302, GEOL 4408, GEOL 4412, MGMT 4362.
			3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options. ENVR 3301, ENVR 3302, ENVR 3304, ENVR 4302, GEOL 4302, GEOL 4408, GEOL 4412, MGMT 4362.
			3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.
			4	34XX-44XX	Free Advanced Elective				
		<b>13 Semester Total Hours</b>							

**120 TOTAL HOURS**

**(42) Advanced minimum credit hours**

Approved: Tuesday, March 28, 2023

Revised: Tuesday, March 28, 2023