

		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 ENGL portion of ACT test or TSI reading/writing exams 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	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	
	14 Semester Total Hours							
	SPRING	3	Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams 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		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/MASC 2327</b>
3		MATH 1314 or MATH 2412	College Alegbra or Pre-Calculus	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.	
16 Semester Total Hours								
SECOND YEAR	FALL	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		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	Government/Political Science (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/MASC 2328</b>
	16 Semester Total Hours							
	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	Government/Political Science (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
17 Semester Total Hours								

**CORE:** The 2020-2021 list of core courses can be found in the 2020-2021 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.

THIRD YEAR	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
	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	Choose 1	Environment and Society Concentration				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
FALL	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
	16 Semester Total Hours						
SPRING	4	GEOL 4411	Introduction to Geographic Information Systems				Satisfies Major-Environmental Science Core
	4	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options.
	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. ANTH 4314 is recommended ES Major Environment and Society Conc. Elective
	15 Semester Total Hours						
FOURTH YEAR	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.
	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.
	3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options.
FALL	13 Semester Total Hours						
	3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options.
	3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options.
	3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.
	4	34XX-44XX	Free Advanced Elective				
SPRING	13 Semester Total Hours						
	3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options.
	3	Choose 1	Environment and Society Concentration				Satisfies Major-Specific Elective. See Degree Plan for course options.
	3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.
	4	34XX-44XX	Free Advanced Elective				
	13 Semester Total Hours						
120 TOTAL HOURS							

(42) Advanced Institutional minimum credit hours

Approved: Tuesday, November 10, 2020  
Revised: Wednesday, October 14, 2020