

	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	
<b>14 Semester Total Hours</b>								
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 Algebra 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.	
<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		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>	
	<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	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	
<b>17 Semester Total Hours</b>								

**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
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	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
	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
	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
	<b>15 Semester Total Hours</b>							
FOURTH YEAR		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FALL	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.
<b>13 Semester Total Hours</b>								
SPRING	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					
<b>13 Semester Total Hours</b>								

**120 TOTAL HOURS**

Approved: Tuesday, November 10, 2020

**(42) Advanced Institutional minimum credit hours**

Revised: Wednesday, October 14, 2020