

	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 Options: ENGL 1301	
	4	ENVR 1401	Introduction to Environmental Science I (Core)		030/090		Satisfies General Education Core-Life & Physical Sciences and Int. Exper. Learning	
	3	MATH 1314/1414 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	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
	13	Semester Total Hours						
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 Options: ENGL 1302 or ENGL 1305	
	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	MATH 1342	Elementary Statistical Methods	C		College Ready TSI status in Mathematics.	Satisfies Major-Science Foundation	
	3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options	
		13	Semester Total Hours					
SECOND YEAR	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
	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. Supporting Sciences.
		3	Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for course options
		3	POLS 2305	U.S. Federal Government & Politics (Core)		070		See General Education Core for more details
		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
		17	Semester Total Hours					
	SPRING	3	ENVR 2302	Environment and Society				Satisfies Major-Environmental Science Core
		4	BIOL 1407	General Biology II			BIOL 1406	Satisfies Major-Supporting Sciences. Prescribed Elective
		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	
	13	Semester Total Hours						

CORE: The 2023-2024 list of core courses can be found in the 2023-2024 Undergraduate Catalog: 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	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	
		4	GEOL 1403	Physical Geology				Satisfies Major-Science Foundation	
		3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST 2327	
		4	BIOL 3409	Ecology			Grade of 'C' or better in the following: BIOL 1406 and BIOL 1407.	Satisfies Major-Environmental Biology Conc. Required Course	
		18	Semester Total Hours						
THIRD YEAR	SPRING	4	GEOL 4411	Introduction to Geographic Information Systems				Satisfies Major-Environmental Science Core	
		4	PHYS 1401 or 2425	General Physics I or Physics for Scientists and Engineers I			MATH 1414 or 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	
		3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1302 or HIST 2328	
		4	33XX-43XX	Free Advanced Elective					
				15	Semester Total Hours				
	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes		
FOURTH YEAR	FALL	3	Choose 1	Environmental Biology Concentration Elective				Satisfies Major-Specific Elective. BIOL 3404, BIOL 4403, BIOL 4388, BIOL 4414, BIOL 4423, BIOL/MARS 4426, BIOL/MARS 4430, ENVR 4321	
		3	Choose 1	Environmental Biology Concentration Elective				Satisfies Major-Specific Elective. BIOL 3404, BIOL 4403, BIOL 4388, BIOL 4414, BIOL 4423, BIOL/MARS 4426, BIOL/MARS 4430, ENVR 4321	
		3	Choose 1	Environmental Biology Concentration Elective				Satisfies Major-Specific Elective. BIOL 3404, BIOL 4403, BIOL 4388, BIOL 4414, BIOL 4423, BIOL/MARS 4426, BIOL/MARS 4430, ENVR 4321	
		3	Choose 1	Environmental Biology Concentration Elective				Satisfies Major-Specific Elective. BIOL 3404, BIOL 4403, BIOL 4388, BIOL 4414, BIOL 4423, BIOL/MARS 4426, BIOL/MARS 4430, ENVR 4321	
		4	Choose 1	Prescribed Elective				Satisfies Major-Supporting Sciences. CHEM 1312/1112, CHEM 2323/2123, GEOL 1404, MATH 2414, PHYS 1402	
				16	Semester Total Hours				
		4	34XX-44XX	Free Advanced Elective					
FOURTH YEAR	SPRING	4	Choose 1	Environmental Biology Concentration Elective				Satisfies Major-Specific Elective. BIOL 3404, BIOL 4403, BIOL 4388, BIOL 4414, BIOL 4423, BIOL/MARS 4426, BIOL/MARS 4430, ENVR 4321	
		4	Choose 1	Environmental Biology Concentration Elective				Satisfies Major-Specific Elective. BIOL 3404, BIOL 4403, BIOL 4388, BIOL 4414, BIOL 4423, BIOL/MARS 4426, BIOL/MARS 4430, ENVR 4321	
		3	33XX-43XX	Free Advanced Elective					
		3	33XX-43XX	Free Advanced Elective					
				18	Semester Total Hours				

120 TOTAL HOURS

(42) Advanced minimum credit hours

Approved: Tuesday, March 28, 2023

Revised: Tuesday, March 28, 2023