

	I	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 Options: ENGL 1301	
		4	ENVR 1401	Introduction to Environmental Science I (Core)	C	030/090		Satisfies General Education Core-Life & Physical Sciences and Int. Exper. Learning	
		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. Supporting Sciences	
		3	Choose 1	Social and Behavioral Sciences (Core)		080		See General Education Core for course options.	
		4	BIOL 1406	General Biology I (Core)		090		One hour Integrative & Experiential Learning. Supporting Sciences.	
				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
17 Semester Total Hours									
FIRST YEAR	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	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	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.	
		3	MATH 1342	Elementary Statistical Methods	C		College Ready TSI status in Mathematics.	Satisfies Major-Science Foundation	
17 Semester Total Hours									
	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
SECOND YEAR	FALL	3	ENVR 2301	Earth System Science				Satisfies Major-Specific Requirement.	
		4	GEOL 1403	Physical Geology				Satisfies Major-Science Foundation	
		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	
	14 Semester Total Hours								
	SPRING	3	ENVR 2302	Environment and Society				Satisfies Major-Specific Requirement.	
3		CHEM 1312	General Chemistry II			CHEM 1311.	Satisfies Major-Specific Elective. Recommended Supporting Sciences course		
1		CHEM 1112	General Chemistry II Lab			Credit/registration in CHEM 1312	Satisfies Major-Specific Elective. Recommended Supporting Sciences course		
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		
3	POLS 2306	Texas Government & Politics (Core)		070		See General Education Core for more details			
3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.			
17 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	Choose 1	Integrative and Experiential Learning (core)		090		See General Education Core for course options
		3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST 2327
		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-Specific Requirement.
		3	CHEM 2323	Organic Chemistry I				Satisfies Major-Specific Elective. Recommended Supporting Sciences course. PREREQ for CHEM 3401
		1	CHEM 2123	Organic Chemistry I Lab				Satisfies Major-Specific Elective. Recommended Supporting Sciences course. PREREQ for CHEM 3401
13 Semester Total Hours								
THIRD YEAR	SPRING	3	Choose 1	Environmental Chemistry Concentration				Satisfies Major-Specific Elective. CHEM 3301/3101, CHEM 3303/3103, CHEM 4201, EEMS 3360, ENVR 3301, ENVR 4320, ENVR 4322, GEOL 3411
		3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328
		4	34XX-44XX	Free Advanced Elective				
		4	Choose 1	Environmental Chemistry Concentration				Satisfies Major-Specific Elective. CHEM 3301/3101, CHEM 3303/3103, CHEM 4201, EEMS 3360, ENVR 3301, ENVR 4320, ENVR 4322, GEOL 3411
		4	CHEM 3401	Environmental Chemistry			CHEM 2323 and CHEM 2123.	Satisfies Major-Specific Elective
18 Semester Total Hours								
		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
FOURTH YEAR	FALL	4	Choose 1	Environmental Chemistry Concentration				Satisfies Major-Specific Elective. CHEM 3301/3101, CHEM 3303/3103, CHEM 4201, EEMS 3360, ENVR 3301, ENVR 4320, ENVR 4322, GEOL 3411
		4	Choose 1	Environmental Chemistry Concentration				Satisfies Major-Specific Elective. CHEM 3301/3101, CHEM 3303/3103, CHEM 4201, EEMS 3360, ENVR 3301, ENVR 4320, ENVR 4322, GEOL 3411
		4	GEOL 4411	Introduction to Geographic Information Systems				Satisfies Major-Specific Requirement.
	12 Semester Total Hours							
FOURTH YEAR	SPRING	4	Choose 1	Environmental Chemistry Concentration				Satisfies Major-Specific Elective. CHEM 3301/3101, CHEM 3303/3103, CHEM 4201, EEMS 3360, ENVR 3301, ENVR 4320, ENVR 4322, GEOL 3411
		2	Choose 1	Environmental Chemistry Concentration				Satisfies Major-Specific Elective. CHEM 3301/3101, CHEM 3303/3103, CHEM 4201, EEMS 3360, ENVR 3301, ENVR 4320, ENVR 4322, GEOL 3411
		3	33XX-43XX	Free Advanced Elective				
		3	33XX-43XX	Free Advanced Elective				
12 Semester Total Hours								

120 TOTAL HOURS

(42) Advanced minimum credit hours

Approved: Tuesday, March 28, 2023

Revised: Tuesday, March 28, 2023