

	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 Options: ENGL 1301
	4	BIOL 1406	General Biology I		090		Satisfies Major-Specific Requirement.
	3	MATH 1314	College Algebra			College Ready TSI status in Mathematics.	OR MATH 1414, MATH 2412, MATH 2413
	1	MARS 2101	Principles of Marine Sciences				Brownsville Campus
	3	POLS 2305	Government/Political Science (Core)		070		See General Education Core for course options.
			UNIV	1301 Learning Framework 1101 Academic and Career Success 1001 Living and Working by Design			
14 Semester Total Hours							
FIRST YEAR 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 Options: ENGL 1302 or ENGL 1305
	4	BIOL 1407	General Biology II			BIOL 1406	Satisfies Major-Specific Requirement.
	3	CHEM 1311	General Chemistry I		030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 2412, MATH 2413 with a grade of "C" or higher."	
	1	CHEM 1111	General Chemistry I Lab		090	Credit/registration in CHEM 1301.	
	3	POLS 2306	Government/Political Science (Core)		070		See General Education Core for course options.
	3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.
17 Semester Total Hours							
SECOND YEAR FALL	3	CHEM 1312	General Chemistry II		030	CHEM 1311.	
	1	CHEM 1112	General Chemistry II Lab		090	Credit/registration in CHEM 1312.	
	3	MARS/BIOL 2310	Marine Processes and Ecosystem Dynamics			BIOL 1407	Satisfies Major-Specific Requirement. Alternative BIOL 2310. Brownsville campus
	3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327
	3	Choose 1	Language, Philosophy & Culture		040		
	3	Choose 1	Social and Behavioral Sciences (Core)		080		See General Education Core for course options.
16 Semester Total Hours							
SECOND YEAR SPRING	3	CHEM 2323	Organic Chemistry I				
	1	CHEM 2123	Organic Chemistry I Lab			Credit/registration in CHEM 2323.	
	4	BIOL 3413	Genetics			BIOL 1406, BIOL 1407, CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112.	Satisfies Major-Specific Requirement.
	3	Choose 1	American History (Core)		060		See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328
3	Choose 1	Integrative/Experiential Learning Option (Core)		090		See General Education Core for course options.	
14 Semester Total Hours							

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

	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL	4	BIOL 3409	Ecology			9 hours of Biology, including BIOL 1407. Satisfies Major-Specific Requirement.	
		3	MATH 1343	Introduction to Biostatistics	C	020	College Ready TSI status in Mathematics. See General Education Core for course options.	
		3	CHEM 2325	Organic Chemistry II				
		1	CHEM 2125	Organic Chemistry II Lab			CHEM 2123	
		4	34XX-44XX	Marine Biology Prescribed Electives				See Degree Plan for course options. Students must complete 21 hours if a 4-hour MATH course is completed in the Support Courses requirement or 22 if a 3-hour MATH course is completed.
		15 Semester Total Hours						
THIRD YEAR	SPRING	3	BIOL 3301	Biological Evolution			BIOL 1406 and BIOL 1407 or permission of instructor. Satisfies Major-Specific Requirement.	
		4	PHYS 1401	General Physics I			MATH 1414, MATH 1314, MATH 2412, or MATH 2413	
		3	33XX-43XX	Marine Biology Prescribed Electives				See Degree Plan for course options. Students must complete 21 hours if a 4-hour MATH course is completed in the Support Courses requirement or 22 if a 3-hour MATH course is completed.
		4	GEOL 3405	Oceanography			MARS 2310	
		1	41XX	Marine Biology Prescribed Electives				If a 3-hour MATH course is completed in Support Courses
		15 Semester Total Hours						
	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FOURTH YEAR	FALL	4	MARS/BIOL 3430	Field Methods and Analysis in Marine Biology			BIOL 3409 Satisfies Major-Specific Requirement. Alternative: BIOL 3430	
		3	33XX-43XX	Marine Biology Prescribed Electives				See Degree Plan for course options. Students must complete 21 hours if a 4-hour MATH course is completed in the Support Courses requirement or 22 if a 3-hour MATH course is completed.
		3	33XX-43XX	Marine Biology Prescribed Electives				See Degree Plan for course options. Students must complete 21 hours if a 4-hour MATH course is completed in the Support Courses requirement or 22 if a 3-hour MATH course is completed.
		4	BIOL 34XX-44XX	Biology Prescribed Electives				See Degree Plan for course options. Choose 4 hours of Biology
				14 Semester Total Hours				
FOURTH YEAR	SPRING	4	34XX-44XX	Marine Biology Prescribed Electives				See Degree Plan for course options. Students must complete 21 hours if a 4-hour MATH course is completed in the Support Courses requirement or 22 if a 3-hour MATH course is completed.
		3	MARS 4301	Marine Biology Seminar			MARS 2101, Senior standing and 24 hours of Biology	Satisfies Major-Specific Requirement.
		3	MARS/BIOL 3320	Marine Biogeochemistry			MARS 2310/BIOL 2310, CHEM 1311 and CHEM 1111	Satisfies Major-Specific Requirement. Alternative: BIOL 3320 Brownsville campus
		4	34XX-44XX	Marine Biology Prescribed Electives				See Degree Plan for course options. Students must complete 21 hours if a 4-hour MATH course is completed in the Support Courses requirement or 22 if a 3-hour MATH course is completed.
		1	Choose 1	Free Elective				
		15 Semester Total Hours						
		120 TOTAL HOURS						

(42) Advanced Institutional minimum credit hours

Approved: Monday, February 3, 2021

Revised: Sunday, November 15, 2020