

		I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	FALL		3	ENGL 1301	Rhetoric and Composition I	c	010	Satisfactory scores on English portion of ACT test and TSI examination or ENGL0301.		
			4	BIOL 1406	General Biology I	c			Satisfies Major-Specific Requirement.	
			3	CHEM 1311	General Chemistry I	c	030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, or MATH 2487 with a grade of "C" or higher."		
			1	CHEM 1111	General Chemistry I Lab	c	090	Credit/registration in CHEM 1301.		
			3	X3XX-X3XX	Creative Arts		050			
				UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.	
14 Semester Total Hours										
FIRST YEAR	SPRING		3	ENGL 1302	Rhetoric And Composition II	c	010	A grade of 'C' or better in ENGL 1301 or ENGL 1387.		
			4	BIOL 1407	General Biology II	c		BIOL 1406 or BIOL 1487.	Satisfies Major-Specific Requirement.	
			3	CHEM 1312	General Chemistry II	c	030	CHEM 1311.		
			1	CHEM 1112	General Chemistry II Lab	c	090	Credit/registration in CHEM 1312.		
			3	MATH 1343	Introduction to Biostatistics	c	020	College Ready TSI status in Mathematics.		
14 Semester Total Hours										
SECOND YEAR	FALL		3	CHEM 2323	Organic Chemistry I					
			1	CHEM 2123	Organic Chemistry I Lab			Credit/registration in CHEM 2323.		
			3	BIOL 2310	Marine Processes and Ecosystem Dynamics			BIOL 1407 (or BIOL 1488) .	Satisfies Major-Specific Requirement.	
			3	HIST 1301	U.S. History I		060			
			3	PHIL 1366	Philosophy and History of Science and Technology		040			
	13 Semester Total Hours									
	SECOND YEAR	SPRING		3	CHEM 2325	Organic Chemistry II				
				1	CHEM 2125	Organic Chemistry II Lab			CHEM 2123.	
				4	BIOL 3413	Genetics			BIOL 1406 (or BIOL 1487) , BIOL 1407 (or BIOL 1487), CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112.	Satisfies Major-Specific Requirement.
				3	HIST 1302	U.S. History II		060		
			3	X3XX-X3XX	Integrative and Experiential Learning		090			
14 Semester Total Hours										

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 - Computer Application; 090 - Interdisciplinary ;090 - Science Labs; 090 - Wellness.

Language Proficiency Requirement: Student is required to demonstrate language proficiency in a language other than English at the undergraduate level equivalent to a minimum of six credits.

		I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL		4	BIOL 3409	Ecology			9 hours of Biology, including BIOL 1407 (or BIOL 1488).	Satisfies Major-Specific Requirement.	
			4	PHYS 1401	General Physics I		090	MATH 1414 or MATH 1314.	One hour Integrative & Experiential Learning	
			3	X3XX-X3XX	Social and Behavioral Sciences			080		
			3	POLS 2301	U.S. & Texas Government & Politics I			070		
			3	33XX-43XX	Major Advanced Elective					See Degree Plan for course options.
		17 Semester Total Hours								
SPRING		3	BIOL 3301	Biological Evolution			BIOL 1406 (or BIOL 1487) and BIOL 1407 (or BIOL 1488), or permission of instructor.	Satisfies Major-Specific Requirement.		
		4	PHYS 1402	General Physics II			PHYS 1401.			
		3	BIOL 3320	Marine Biogeochemistry			BIOL 2310, CHEM 1311 and CHEM 1111.	Satisfies Major-Specific Requirement.		
		4	ENVR 3405	Oceanography			GEOL 1403 and either GEOL 1404 or BIOL 1406 (or BIOL 1487); all with a grade of 'C' or better.			
		3	POLS 2302	U.S. & Texas Government & Politics II			070			
	17 Semester Total Hours									
FOURTH YEAR	FALL		4	BIOL 3412	Cell Biology			BIOL 1406 (or BIOL 1487), BIOL 1407 (or BIOL 1488), CHEM 2323 and 2123, and CHEM 2325, 2125	Satisfies Major-Specific Requirement. Alternative BIOL 3415.	
			4	BIOL 3430	Field Methods and Analysis in Marine Biology			BIOL 3409.	Satisfies Major-Specific Requirement.	
			3	33XX-43XX	Major Advanced Elective				See Degree Plan for course options.	
			3	33XX-43XX	Major Advanced Elective				See Degree Plan for course options.	
			2	32XX-42XX	Major Advanced Elective				See Degree Plan for course options.	
		16 Semester Total Hours								
	SPRING		4	BIOL 4401	Marine Biology Seminar			Senior standing and 24 hours of Biology.	Satisfies Major-Specific Requirement.	
			3	33XX-43XX	Major Advanced Elective				See Degree Plan for course options.	
			4	34XX-44XX	Major Advanced Elective				See Degree Plan for course options.	
			4	34XX-44XX	Major Advanced Elective				See Degree Plan for course options.	
		15 Semester Total Hours								

Graduation Requirements

120 TOTAL HOURS
(48) TOTAL ADVANCED HOURS

Approved: 
Revised: Wednesday, October 14, 2015