



ACADEMIC PLAN

Degree Map	
Degree: BS in Biology	MAJOR: Marine Biology

The major map illustrates one path to completing your major, based on faculty members' advice on course sequence and plans for scheduling courses. This document provides general direction.

Course	Cr. Hrs.	Course	Cr. Hrs.
FRESHMAN YEAR		SOPHOMORE YEAR	
Total Credit Hours: 31		Total Credit Hours: 32	
ENGL 1010 Composition I	3	HIST 2010 Early US History	3
BIOL 1110 Gen Biology I	4	GEOL 1040 Physical Geology	4
CHEM 1110 Gen Chemistry I	4	Literature Elective	3
MATH 1130 College Algebra or MATH 1730 Pre-Calculus	3	Humanities/Fine Arts Elective	3
ENGL 1020 Composition II	3	Social/Behavioral Science Elective	3
BIOL 1120 Gen. Biology II	4	BIOL 2230 Microbiology	4
CHEM 1120 Gen. Chemistry II	4	COMM 2025 Fundamentals of Comm	3
MATH 1530 Introductory Statistics	3	HIST 2020 Modern US History	3
COLS 1010 Study, Organize & Succeed	3	Humanities/Fine Arts Elective	3
		Social/Behavioral Science Elective	3
Course	Cr. Hrs.	Course	Cr. Hrs.
JUNIOR YEAR		SENIOR YEAR	
Total Credit Hours: 31		Total Credit Hours: 26-30	
BIOL 2310 Gen. Botany	4	Gulf Coast Research Lab Courses (Taken during Summer)	6-10
BIOL 3130 Gen. Ecology	4	BIOL 3920 Biol. Comm. Skills	3
BIOL 3200 Gen. Microbiology or BIOL 3230 Health Science Micro	4	Marine Biology Directed Elective	3
CHEM 3005 Elem. Organic Chem.	4	General Electives	10- 14
BIOL 3140 Cellular Biology	4		
BIOL 3810 General Genetics	4		
BIOL 4650 Marine Biology	4		
BIOL 4220 Biostatistics OR MATH 3070 Statistical Methods I	3		

Red color listed courses taken at Roane

Purple color listed courses taken to TTU