

UNIVERSITY STUDIES - BS, OCEANS AND ONE HEALTH CONCENTRATION

Program Requirements

Code	Title	Semester Credit Hours
FSCI 281	Oceans and One Health Sophomore Seminar	1
FSCI 334	One Health in Coastal Regions	3
MARS 360	Biochemistry	4
MARS 428	Coastal Development and Human Health	3
MARB 303	Biostatistics	3
	or STAT 303 or Statistical Methods	
OCNG 251	Oceanography	4
& OCNG 252	and Oceanography Laboratory	
	Select 6 hours from the following:	6
BIOL 351	Fundamentals of Microbiology	
CHEM 383	Chemistry of Environmental Pollution	
MARB 301	Genetics	
MARB 310	Introduction to Cell Biology	
MARB 401	Physiological Ecology of Marine Mammals	
	or MARB or Comparative Animal Physiology	
MARB 414	Toxicology	
MARB 430	Coastal Plant Ecology	
MARS 325	Introduction to GIS for Marine Sciences	
OCNG 320	Biological Oceanography	

University and College Requirements

BIOL 111	Introductory Biology I	4
CHEM 119	Fundamentals of Chemistry I	4
CHEM 120	Fundamentals of Chemistry II	4
ENGL 104	Composition and Rhetoric	3
POLS 206	American National Government	3
POLS 207	State and Local Government	3
PSYC 107	Introduction to Psychology	3
	or MARS 21 or Marine Geography	
	American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history)	6
	Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)	3
	Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts)	3

Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture)	3
Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics)	6
Minor 1	15-18
Minor 2	15-18
General electives	15-21
Total Semester Credit Hours	120

All University Studies degree plans require at least 120 hours for completion. A University Studies Degree consists of a concentration of 21-24 hours and two minors of 15-18 hours each. Specific courses may be required for the completion of the hours in the concentrations and minors. Some concentrations and minors contain required courses that have additional prerequisites. One of the two minors must be completed in a college outside of the college that provides the concentration for the student's degree.