USF UNIVERSITY OF SOUTH FLORIDA
COLLEGE OF ARTS & SCIENCES

Major Fact Sheet

Marine Biology, B.S.

What will I be studying?

The biology of the marine environment and the organisms that inhabit the oceans. This program provides a firm foundation in basic biological concepts and the tools necessary to function as a professional biologist with a special emphasis on marine ecosystems.

Career Ideas!

Marine Animal Husbandry

Monitor the health of marine animals through water quality, caretaking, & training

Veterinary Medicine

Promote the healthy living of animals through medicine

Environmental Conservation

Protect the biodiversity and landscape of the marine environment

Research Biologist

Study the biology of marine life through academia and research

**Please note this is not a complete list of careers you can go into with this major.

Contact Us

Science Center (SCA) 203

bioadvise@usf.edu

biology.usf.edu/bioadvise

Get Involved!

Biology Club

Splash Pals at USF

Marine Biology at USF

Suba Diving Club

Clearwater Marine Aquarium

Florida Aquarium

Florida Fish and Wildlife

MOTE Marine Laboratory & Aquarium

Integrative Biology Department
Marine Biology, B.S.

Example Four Year Plan

Year 1		
Fall	Spring	Summer
CHM 2045: Chemistry 1**	CHM 2046: Chemistry 2	STA 2023: Statistics
CHM 2045L: Chemistry 1 Lab **	CHM 2046L: Chemistry 2 Lab	Enhanced Gen-Ed: Info & Data Literacy
MAC 2311: Calculus 1**	BSC 2010: Cellular Processes	
ENC 1101: Composition 1	BSC 2010L: Cellular Processes Lab	
Core Social Science Course	Core Humanities	
	ENC 1102: Composition 2	
Total Hours: 14	Total Hours: 14	Total Hours: 6
Year 2		
Fall	Spring	Summer
BSC 2011: Biodiversity	CHM 2211: Organic Chemistry 2	PHY 2053: Physics 1
BSC 2011L: Biodiversity Lab	CHM 2211L: Organic Chemistry 2 Lab	PHY 2053L: Physics 1 Lab
CHM 2210: Organic Chemistry 1	PCB 3063: General Genetics	
CHM 2210L: Organic Chemistry 1 Lab	PCB 3063L: General Genetics Lab	
Enhanced Gen-Ed: Creative Thinking	BSC 3312: Marine Biology	
Enhanced Gen-Ed: Human/Cultural Diversity	Non-Major Elective	
Total Hours: 15	Total Hours: 15	Total Hours: 4
Year 3		
Fall	Spring	Summer
PHY 2054: Physics 2	PCB 4674: Organic Evolution	
PHY 2054L: Physics 2 Lab	PCB 3043: Ecology	
Marine Capstone course	PCB 3043L: Ecology Lab	
Non-Major Elective	Marine Structure course	
Enhanced Gen-Ed: Ethical Reasoning & Civic Engagement	Upper-Level Non-Major Elective	
Total Hours: 14	Total Hours: 13	Total Hours: 0
Year 4		
Fall	Spring	Total Credits to Graduation
Marine Field Studies course	Marie Additional Elective	**Major Requirements:** 72 credit hours
Marine Additional Elective	Marine Ecology/Ecosystems course	
Upper-Level Non-Major Elective	Upper-Level Non-Major Elective	**General Education Requirements:** 27 credit hours
Upper-Level Non-Major Elective	Non-Major Elective	
Enhanced Gen-Ed: High Impact Practice		**Other Degree Requirements:** 21 credit hours
Total Hours: 15	Total Hours: 12	Total= 120-122

**May require completion of additional math pre-requisites (consider the MPT or CPT exams)