

## Marine Biology: admitted Summer 2020 and after

This page is subject to change as courses are added, cancelled, or adjusted.

Courses with the statement 'Will Require a PERMIT' next to them will require you to [submit a permit](#) in order to register for the course.

Please keep in mind, other courses may still require a permit if there is an error in the system out of our control.

### Spring 2023 Classes

#### **Marine Biology Structure:**

Marine Biology Majors MUST complete at least one structure lecture and lab from the list below to meet graduation requirements:

Code	Title	Pre-Reqs	Campus	Notes
MCB 3020	General Microbiology	BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2046	Tampa & St. Pete	May require a PERMIT if registering without the lab or if you haven't completed CHM 2210
MCB 3020L	General Microbiology Lab	MCB 3020	Tampa & St. Pete	
PCB 3712	General Physiology	BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2046	Tampa & St. Pete	
PCB 3713L	General Physiology Lab	Pre-Req/Co-Req: PCB 3712	Tampa	
ZOO 3713C	Comparative Vertebrate Anatomy	BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2046	Tampa	
ZOO 4307	Vertebrate Zoology	BSC 2011, BSC 2011L, and one of the following: PCB 3043, PCB 3063, or PCB 3712	St. Pete	
ZOO 4307L	Vertebrate Zoology Lab	ZOO 4307	Tampa	
ZOO 4485	Marine Mammal Biology	BSC 3312	St. Pete	

#### **Marine Biology Capstone:**

Marine Biology Majors MUST complete at least one course from the list below to meet graduation requirements:

Code	Title	Pre-Reqs	Campus	Notes
BSC 4937	Seminar- Marine Biology	BSC 3312	Tampa	Restricted to MRN majors until Nov. 16 <sup>th</sup>
PCB 4315	Marine Ecology	BSC 3312	St. Pete	Can count as either Ecology/Ecosystems or Capstone, not both

## Marine Field Studies:

Marine Biology Majors MUST complete at least one course from the list below to meet graduation requirements:

Code	Title	Pre-Reqs	Campus	Notes
BSC 4933	Scientific Diving	BSC 2011, a Dive Physical, and an Open Water Scuba Diving Certification	Tampa	Will require Consent of Instructor PERMIT  Contact Dr. Begin at <a href="mailto:cbegin@usf.edu">cbegin@usf.edu</a>

## Marine Ecology and Ecosystems:

Marine Biology Majors MUST complete at least one course from the list below to meet graduation requirements:

Code	Title	Pre-Reqs	Campus	Notes
BSC 4052	Conservation Biology	PCB 3043, Calculus 1	Tampa	Restricted to ENB majors until Nov. 16 <sup>th</sup>
BSC 4284	Symbiosis & The Environment	PCB 3043	Tampa	
BSC 4315	Deep Sea Biology	C or better in BSC 2011 and BSC 2011L (BSC 3312 is recommended for success)	St. Pete	
BSC 4933	Global Change Biology	PCB 3043	Tampa	Will Require a PERMIT
OCB 4204	Coral Reef Ecology	BSC 3312	St. Pete	
PCB 4315	Marine Ecology	BSC 3312	St. Pete	Can count as either Ecology/Ecosystems or Capstone, not both

## Marine Additional Electives Requirement:

Marine Biology Majors MUST also complete at least two additional electives.

Students can choose additional courses from the above lists OR from the list below to meet this requirement:

Code	Title	Pre-Reqs	Campus	Notes
BSC 4444	Genomics	PCB 3063	St. Pete	
BSC 4910	Undergraduate Research	Consent of Instructor  If interested in this type of credit, review our <a href="#">Undergraduate Research website</a>	Tampa	Will require Consent of Instructor PERMIT
BSC 4940	Biology Internship	Please visit the <a href="#">Biology Internship Webpage</a> for pre-reqs and instructions.	Tampa	Requires approval of Application