

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Undergraduate Programs	UUPC Approval <u>12/4/23</u> UFS Approval _____ Banner _____ Catalog _____
	Department math and sciences College Wilkes Honors College	
Program Name Marine Biology Concentration	<input type="checkbox"/> New Program* <input checked="" type="checkbox"/> Change Program*	Effective Date Summer 2024
<p>Please explain the requested change(s) and offer rationale below or on an attachment.</p> <p>1) Allow Honors College Physics 1 (PHY2053)(algebra-based) in addition to Honors General Physics 1 (PHY2048)(calculus-based) to be counted towards the Physics requirements for the Marine Biology Concentration at the Wilkes Honors College</p> <p>2) Allow the following 3 courses to be counted as Marine Biology Concentration electives at the Wilkes Honors College: GIS3044C Honors Geographic Information Systems BSC4930 Honors Deep Sea Biology GLY 4105 Honors Evolution of Life on Earth</p> <p>Rationale for these proposed changes: The impetus for this proposed change stems from the goal of providing a broader course selection for this diverse and cross-disciplinary Concentration, combined with the approval of all Wilkes Honors College Advisory Board members. PHY2053 has recently become offered at the Wilkes Honors College. Algebra-based physics has been a common request among Marine Biology Concentration students and is of sufficient rigor for the Concentration. GIS3044C, BSC4930H, and GLY4105H have been taught at the Honors College previously, are frequently petitioned by Marine Biology students.</p> <p>Honors Marine Biology Concentration website: https://www.fau.edu/honors/academics/concentrations/marine-biology/</p> <p><small>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</small></p>		
Faculty Contact/Email/Phone Tracy Mincer/tmincer@fau.edu/772-242-2429	Consult and list departments that may be affected by the change(s) and attach documentation	
Approved by Department Chair <u>William O'Brien</u> College Curriculum Chair <u>Rachel Carr</u> College Dean <u>[Signature]</u> UUPC Chair <u>Korey Sorge</u> Undergraduate Studies Dean <u>Dan Meeroff</u> UFS President _____ Provost _____	Date <u>11/9/2023</u> <u>11/9/23</u> <u>11/14/23</u> <u>12/4/23</u> <u>12/4/23</u> _____ _____	

Email this form and attachments to mjenning@fau.edu seven business days before the UUPC meeting.

Proposed changes are in red

CONCENTRATION IN MARINE BIOLOGY

Course #	Course Name	Credits
BSC 1010, 1010L	Honors Biological Principles with Lab	4
BSC 1011, 1011L	Honors Biodiversity with Lab	4
CHM 2045, 2045L	Honors General Chemistry I with Lab	4
CHM 2046, 2046L	Honors General Chemistry II with Lab	4
MAC 2311	Honors Calculus I with Analytic Geometry	4
STA 2023	Honors Introductory Statistics	3
PHY 2048, 2048L	Honors General Physics I with Lab or	5
PHY2053, 2048L	Honors College Physics I with Lab	5
PCB 3063	Honors Genetics	4
OCB 3012, 3012L	Honors Marine Biology and Oceanography with Lab	4
OCB 4633, 4633L	Marine Ecology and Lab	4
	Elective Credits (<i>See list below</i>)	23
IDS 4970	Honors Thesis (two semesters)	6
	Total Credits	69

MARINE BIOLOGY ELECTIVES

Course #	Course Name	Credits
BCH 3033	Honors Biochemistry	3
OCE 2001	Honors Oceanography	3
OCB 4525/L	Marine Microbiology and Molecular Biology and Lab (HBOI)	6
OCB 4032/L	Marine Biodiversity and Lab	4
OCE 4006	Marine Science	3
BOT 4404/L	Marine Botany with Lab	4
BSC 3452	Honors Experimental Design and Data Analysis	3
BSC 4905	Honors DIS in Biology	1-3
BSC 4915	Honors Research in Biology	1-3
BSC 4930	Aquaculture Principles & Practice (HBOI)	3
BSC 4930	Exploring the Ocean (HBOI)	3
BSC 4930	Biology of Sea Turtles	3
BSC 4930	Honors Florida Ecosystems	3

Course #	Course Name	Credits
BSC 4930	Honors Biology of Fishes and Lab	4
CHM 2211 and	Honors Organic Chemistry II, and	4
CHM 2205L	Lab	
EVR 4420	Honors Marine Conservation	3
GLY 4054	Honors Evolution of Life on Earth	3
GIS3044C	Honors Geographic Information Systems	3
BSC4930	Honors Deep Sea Biology	3
GLY 4105	Honors Evolution of Life on Earth	3
BSC 6936	Natural History Indian River Lagoon (HBOI)	3
MCB 3020/L	Honors Microbiology and Lab	4
OCB 4043/L	Marine Biology and Lab	4
BSC 4930	Honors History of Life	3
EVS 4414	Honors Conservation Biology	3
PCB 3411	Honors Animal Behavior	3
PCB 4673	Honors Evolution	3
PCB 4723/L	Comparative Animal Physiology and Lab	4
ZOO 2303/L or	Honors Vertebrate Zoology with Lab or	4 or
ZOO 3205/L	Invertebrate Zoology and Lab	5
ZOO 4556	Honors Coral Reef Ecology	3
BSC 4930	Honors Topics in Environ Microbio	3
BSC 4930	Honors Molecular Ecology	3