

MARINE BIOLOGY AND ECOLOGY MINOR

Administered by the Department of Integrative Biology under the School of Life Sciences.

Minor Code: 695

The courses in the minor may be shared with major requirements. Students with a Biology major cannot declare the Marine Biology and Ecology minor (they instead complete the Marine Biology option in that major), and students *cannot* receive any combination of the Biology minor, Marine Biology and Ecology minor or the Marine Biology option. The minor requires the BI 221, BI 222 or BI 223 series and ST 201 or ST 351 for required course work. A term or year of chemistry is required depending on elective course choices.

The Marine Biology and Ecology minor requires one or more terms in residence at Hatfield Marine Science Center, typically during junior year. Most students take a variety of courses during the summer term (<https://hmsc.oregonstate.edu/academics/courses-hmsc/summer-term/summer-courses/>) at Hatfield Marine Science Center. The 15-credit BI 450 course taught each spring term at Hatfield Marine Science Center is an alternative to some core courses in the minor but is by application only. The applications for BI 450 are available the fall term before attending in the Integrative Biology Office, Cordley Hall 3029.

BI 111 is an optional weekend experiential course at Hatfield Marine Science Center that complements the minor, particularly for students with little or no previous marine experience.

Code	Title	Credits
Core		
BI 150	INTRODUCTION TO MARINE BIOLOGY (or select an additional Marine Elective Course below)	3
BI 347	*OCEANS IN PERIL	3
BI 351	MARINE ECOLOGY ¹	3
BI 353	PACIFIC NORTHWEST COASTAL ECOSYSTEMS (taught at Hatfield Marine Science Center)	4
BI 373	*FIELD METHODS IN MARINE ECOLOGY ¹	3
BOT 416	AQUATIC BOTANY ¹	4
Z 461	MARINE AND ESTUARINE INVERTEBRATE ZOOLOGY (taught at Hatfield Marine Science Center) ¹	4
Marine Elective Courses		
Select two courses from the following or three courses if you did not take BI 150:		6-8
BI 358	SYMBIOSES AND THE ENVIRONMENT	
FW 302	BIOLOGY AND CONSERVATION OF MARINE MAMMALS (taught at Hatfield Marine Science Center)	
FW 315	ICHTHYOLOGY	
FW 331	ECOLOGY OF MARINE AND ESTUARINE BIRDS (taught at Hatfield Marine Science Center)	
FW 421	AQUATIC BIOLOGICAL INVASIONS	
FW 493	FIELD METHODS FOR MARINE RESEARCH (taught at Hatfield Marine Science Center)	
MB 314	AQUATIC MICROBIOLOGY	
OC 201	*OCEANOGRAPHY	
Total Credits		30-32

*

Baccalaureate Core Course (BCC)

^

Writing Intensive Course (WIC)

1

BI 450 (by application only) may be taken in place of BI 351, BI 373, BOT 416 and Z 461

Minor Code: 695