

OCEANOGRAPHY MINOR

Must complete a minimum of 14 unique credits in the minor that do not fulfill requirements of majors, minors, options or certificates.

Code	Title	Hours
Required Core		
OC 201	*OCEANOGRAPHY	4
OC 332	COASTAL OCEANOGRAPHY	3
OC 333	OCEANS, COASTS, AND PEOPLE	3
Select two of the following:		6-8
OC 430	PRINCIPLES OF PHYSICAL OCEANOGRAPHY	
OC 440	BIOLOGICAL OCEANOGRAPHY	
OC 450	CHEMICAL OCEANOGRAPHY	
OC 460	GEOLOGICAL OCEANOGRAPHY	
Electives		
Select 10-11 credits of the following: ¹		10-11
<i>Ocean and Climate Science</i>		
ATS 420	PRINCIPLES OF CLIMATE: PHYSICS OF CLIMATE AND CLIMATE CHANGE	
ATS 421	CLIMATE MODELING	
GEO 433	COASTAL GEOMORPHOLOGY	
OC 334	^POLAR OCEANOGRAPHY	
OC 433	COASTAL AND ESTUARINE OCEANOGRAPHY	
OC 434	ESTUARINE ECOLOGY	
or FW 434	ESTUARINE ECOLOGY	
<i>Biological Science</i>		
BI 370	ECOLOGY	
BI 421	AQUATIC BIOLOGICAL INVASIONS	
or FW 421	AQUATIC BIOLOGICAL INVASIONS	
FW 426	COASTAL ECOLOGY AND RESOURCE MANAGEMENT (Taught at HMSC)	
FW 497	^AQUACULTURE (Taught at HMSC)	
Z 461	MARINE AND ESTUARINE INVERTEBRATE ZOOLOGY (Taught at HMSC)	
Total Hours		26-29

¹ Select from the listed courses (or the two other 400-level courses above) to bring the credit total to 27. Courses are grouped by focus area, but students may choose courses from one or more areas.

* Baccalaureate Core Course (BCC)

^ Writing Intensive Course (WIC)

HMSC=Hatfield Marine Science Center in Newport, OR

Minor Code: 660