

MINOR, MARINE SCIENCE

Minimum Requirements for Minor: 15 credits

Code	Title	Credits
Minor Requirements		
MSL F211	Introduction to Marine Science I	3
MSL F212	Introduction to Marine Science II	3
MSL F213L	Marine Science Laboratory	1
Complete 3 credits from the following:		3
MSL F215	Marine Geological Drama and Undersea Catastrophes	
MSL F216	The Oceans and Global Change	
MSL F218	Astrobiology: Planets, Oceans and Life	
MSL F305	Invertebrate Zoology	
MSL F317	Introduction to Marine Mammal Biology	
MSL F403	Estuaries Oceanography	
MSL F411	Current Topics in Oceanographic Research	
MSL F412	Early Life Histories of Marine Invertebrates	
MSL F419	Concepts in Physical Oceanography	
MSL F431	Polar Marine Science	
MSL F449	Biological Oceanography	
MSL F461	Chemical Oceanography	
MSL F463	Chemical Coastal Processes	
MSL F464	Ecological and Evolutionary Genomics	
Complete 5 credits from the following:		5
<i>Marine Science and Limnology</i>		
MSL F215	Marine Geological Drama and Undersea Catastrophes	
MSL F216	The Oceans and Global Change	
MSL F218	Astrobiology: Planets, Oceans and Life	
MSL F220	Scientific Diving	
MSL/BIOL F305	Invertebrate Zoology	
MSL F317	Introduction to Marine Mammal Biology	
MSL F330	The Dynamic Alaskan Coastline	
MSL F403	Estuaries Oceanography	
MSL F411	Current Topics in Oceanographic Research	
MSL F412	Early Life Histories of Marine Invertebrates	
MSL F419	Concepts in Physical Oceanography	
MSL F421	Field Course in Subtidal Studies	
MSL F431	Polar Marine Science	
MSL F440	Oceanography for Fisheries	
MSL F449	Biological Oceanography	
MSL F450	Marine Biology and Ecology Field Course	
MSL F456	Kelp Forest Ecology	
MSL F461	Chemical Oceanography	
MSL F463	Chemical Coastal Processes	
MSL F492	Seminar	
<i>Fisheries</i>		

FISH F288 Fish and Fisheries of Alaska

FISH F425 Fish Ecology

FISH/BIOL F427 Ichthyology

FISH F440 Oceanography for Fisheries

Chemistry

CHEM F202 Basic Inorganic Chemistry

CHEM F212 Chemical Equilibrium and Analysis

Biology and Wildlife

BIOL F473 Limnology

Economics

ECON F235X Introduction to Natural Resource Economics

Geoscience

GEOS/GEOG F222 Fundamentals of Geospatial Science

Statistics

STAT F200X Elementary Statistics