

# OCEANOGRAPHY MINOR

ESCI 468 Ocean Data Analysis and Presentation

Total Hours

19

## Regulations Governing Minor Course Work

1. There shall be a minimum of 18.0 credit hours with a minimum Millersville QPA of 2.0.
2. Only one course which counts toward your major may be counted toward your minor.
3. Courses that count toward a minor are also eligible to be used to satisfy the current University-wide General Education requirements subject to normal distribution requirements.
4. At least two courses should be at the upper-division level (300-400). Exceptions may be requested upon evidence of program depth.
5. No course needed for the minor may be taken Pass-Fail.
6. One-half or more of the work required for the minor must be completed at Millersville University.
7. No student may minor in his or her major.

## Minor in Oceanography

Code	Title	Hours
Credits Required for Minor		
true		
Minimum Residency 50% of minor credits		
true		
Minimum GPA 2.0 for Minor		
true		
2 Courses Must be Upper-Division		
true		
ESCI 261	Introduction to Oceanography	4
Required Core Courses - Choose 2 of the following:		6
ESCI 362	Marine Geology	
ESCI 363	Chemical Oceanography	
ESCI 369	Physical Oceanography and Climate	
ESCI 465	Biological Oceanography	
Required Methods Courses - Choose 2 of the following:		6
ESCI 267	Field Methods in Oceanography	
ESCI 282	FORTTRAN Programming for Earth Sciences Applications	
ESCI 380	Remote Sensing & Image Interpretation	
ESCI 386	Sci Prg Lang:	
Earth Science Elective - Choose 1 of the following:		3
ESCI 366	Marine Resources and Policy	
ESCI 385	Global Climate Change: Sci & Policy	
ESCI 445	Num Modeling of Atmos and Ocn	
ESCI 464	Ocean Ecosystems	