



What Can I Do With a Major in... **Oceanography**

What is Oceanography?

Oceanography is the study of the deep sea and shallow coastal oceans: biology, chemistry, geology and physics together make oceanography a richly interdisciplinary science. Although they contain most of the Earth's water and carbon and surface heat, and much of its biomass, the oceans do not operate alone. Together with the atmosphere, continents and ice-cover (the cryosphere), they form a working machine, driven mostly by energy from the sun. Lesser amounts of energy derive from tides raised by the moon and sun and planets, and heat from the Earth's interior.

Potential Employers

- ❖ Fisheries
- ❖ Marine Biology Institutions
- ❖ Environmental Conservation Institutions
- ❖ Aquatic Laboratories
- ❖ Climate Research Institutions
- ❖ Federal/Government Institutions
- ❖ Atmospheric Administrations
- ❖ Aquariums
- ❖ Coastal Preservation Agencies

- ❖ Government Research Scientist
- ❖ Physical Oceanographer
- ❖ Aquatic Chemist
- ❖ Naval Researcher
- ❖ Ocean Driller

Possible Job Titles:

- ❖ Marine Geochemist
- ❖ Marine Mammal Scientist
- ❖ Fishery Scientist
- ❖ Marine Policy Expert
- ❖ Geophysicist

- ❖ Ocean Miner
- ❖ Coastal Geologist
- ❖ Public Policy Writer
- ❖ Ocean Engineer

How This Major Helps You Move Forward:

Skills I've Learned in this Major

- ❖ Computerskills
- ❖ Math
- ❖ Research
- ❖ Analytical
- ❖ Problem solving
- ❖ Communication - verbal and written
- ❖ Practical skills for experiments and operating scientific equipment
- ❖ Knowledge of ocean and marine environment
- ❖ Knowledge of fluid mechanics
- ❖ Observant
- ❖ Patience
- ❖ Ability to cope with extreme conditions

Additional Information can be found at:

www.assist.org
www.salary.com
www.uncw.edu/career/WhatCanIDoWithaMajorIn.html
www.cacareerzone.org
www.lamission.edu/careercenter

CSU/UC Related Transfer majors (BA/BS):

- ❖ **CSUN:** Biology B.S. with Marine Biology Option
- ❖ **CSU Monterey Bay:** Marine Science BS
- ❖ **Humboldt State:** Oceanography BS
- ❖ **UC Davis:** Marine and Coastal Science BS
- ❖ **UCSB:** Aquatic Biology BS
- ❖ ... and more!

Go to www.assist.org to see universities that offer these majors

Graduate Degree Options (MA/MS):

- ❖ **CSU East Bay:** Marine Science MS
- ❖ **SJSU:** Marine Science MS
- ❖ **UCSD:** Applied Ocean Science Ph.D.

This is **general information**. For specific information on majors and careers please see a counselor in the Career Center – Claudia Ramirez (818) 833-3403; careercenter@lamission.edu