What Can I Do With the Marine Ecology Pathway?

Biological Oceanography

Area of Focus:
- Ecology and evolution
- Consulting
- Fisheries management
- Marine policy
- Marine biotechnology
- Marine operations and management
- Research
- Restoration

Employers:
- Government agencies
- Wildlife refuges and sanctuaries
- Conservation organizations
- Zoos, aquariums, and museums
- Universities
- Consulting firms
- Non-profit and private organizations
- Recreation and resource agencies

Education

Area of Focus:
- Elementary
- Secondary
- Post-secondary
- Non-classroom education

Employers:
- Public and private schools
- Community colleges
- Zoos, aquariums, and museums

Geological Oceanography

Area of Focus:
- Environmental geology
- Sedimentology
- Hydrology
- Coastal geology
- Geophysics
- Geomorphology
- Paleontology
- Remote sensing and mapping

Employers:
- Government agencies
- Mines, well service, and drilling companies
- Water management districts
- Consulting and civil engineering firms
- Universities
- Oil and gas industries
- Geological and environmental societies

Marine Chemistry

Area of Focus:
- Environmental analysis
- Geochemistry
- Fuels and energy conservation
- Research
- Environmental health and safety
- Environmental remediation
- Industrial hygiene
- Urban design and planning
- GIS analysis
- Recycling

Employers:
- Government agencies
- Chemical/pharmaceutical/food/energy industries
- Universities
- Water testing laboratories
- Chemical oceanographic societies

Strategies

- Consider pursuing a master's degree or PhD
- Aim for extensive lab, research, field, and statistical experience
- Gain experience through internships or volunteer work
- Complete field work and if possible, obtain SCUBA certification
- Develop strong oral and written communication skills
- Get comfortable working in a team environment
- Join professional associations
- Learn to operate laboratory and field equipment