

MARINE BIOLOGIST

Marine biologists study aquatic organisms and their habitats.

WHAT RESPONSIBILITIES WILL I HAVE?

- Design controlled laboratory and natural field experiments to meet objectives
- Observe marine wildlife and organisms in their natural habitats
- Inventory specific populations over periods of time
- Collect water, mineral and plant samples to test in a laboratory setting
- Measure water conditions to determine the value of life for aquatic organisms
- Dissect and preserve marine life as well as samples for current and future studies
- Study aquatic life diseases and create plans to control outbreaks
- Monitor environmental pollution and create plans to notify government officials
- Utilize various laboratory equipment and tools as well as computer software programs
- Oversee activity and duties of assisting marine technicians
- Follow up with employer and invested third parties with research findings
- Write and publish journals or reports on research findings
- Oversee the care and maintenance of aquatic animals in captivity or raised for research purposes
- Serve as an expert regarding marine conservation and aquaculture practices



WHAT EDUCATION & TRAINING IS REQUIRED?

A Bachelor's degree in marine biology or a closely related field is required; a Master's degree is often preferred

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, biology, earth science, mathematics

TYPICAL EMPLOYERS

Aquaculture production farms, government agencies, universities, zoos, aquariums, research firms

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- MarineBio Conservation Society
- Society for Conservation Biology
- American Institute of Biological Sciences

AVERAGE ANNUAL FULL-TIME SALARY

\$72,000