
MAJOR-SPECIFIC CAREER GUIDE

Biology / Marine Biology

Marketable Skills

Biology and Marine Biology majors develop professional skills including:

- The ability to develop and test original hypotheses through rigorous experimentation
- Knowledge of organisms and their habitats
- Experience gathering and interpreting scientific data
- The ability to cogently express complex scientific and technical information
- Experience using scientific methods and instruments
- Strong critical thinking skills
- An aptitude for applying scientific knowledge to solve problems in agriculture, conservation, forestry, industry, medicine, and other critical areas

Relevant Fields

- Advocacy
- Aquatic / Marine Science
- Biotechnology
- Botany
- Education
- Environmental / Health Journalism
- Environmental Science
- Medical Science
- Research
- Zoology

Sample Occupational Titles

Bachelor's Degree:

- Assistant / Associate Scientist
- Bioanalyst
- Clinical Data Processor
- Environmental Educator
- Marine Conservation Program Manager
- Pharmaceutical Sales Representative
- Research Technician

Advanced Degree:

- Chief Scientist
- Geneticist
- Microbiologist
- Physician
- Public Health Administrator
- Research Biologist
- Veterinarian

Print Resources

Find these titles and additional books, periodicals, and handouts in the [Career Resource Library](#):

- [Careers in Science](#) by Thomas Easton
- [Great Jobs for Biology Majors](#) by Blythe Camenson

Online Resources

Visit these websites and others listed in our [School-Specific Resources](#):

- BioExchange at www.bioexchange.com
- Biojobnet at www.biojobnet.com
- Biology Jobs at www.biologyjobs.com
- Conservation Job Board at www.conservationjobboard.com
- Frontiers in Bioscience at www.bioscience.org/urlists/jobs.htm
- Idealist at www.idealists.org
- Marine Biology Jobs at www.marinebiologyjobs.org
- Occupational Outlook Handbook at www.bls.gov/oco
- Ocean Careers at www.oceancareers.com/2.0/index.php
- O*NET Resource Center at www.onetcenter.org
- Southwest Fisheries Science Center at www.swfsc.noaa.gov/textblock.aspx?id=54
- USAJOBS at www.usajobs.gov
- Vault at www.vault.com

Professional Associations

The following professional associations offer career-related information and job listings:

- American Society for Biochemistry and Molecular Biology at www.asbmb.org
- American Society for Cell Biology at www.ascb.org
- MarineBio Conservation Society at www.marinebio.org
- National Association for Biology Teachers at www.nabt.org
- The Federation of American Societies for Experimental Biology at www.faseb.org

Find more professional associations at American Society of Association Executives at www.asaecenter.org/Directories/AssociationSearch.cfm