BILOGISTS study living organisms and the relationships to their environment. Biologists who work in applied research or product development use the knowledge from basic research to develop new drugs and medical treatments, increase crop yields, and protect and clean up the environment. Specialists include: Aquatic biologists, who study plants and animals living in water; Marine biologists, who study salt water organisms; Limnologists, who study fresh water organisms; Ornithologists, who study birds; Microbiologists, who investigate the growth and characteristics of microscopic organisms such as bacteria, algae, or fungi; Zoologists, who study the origin, behavior, diseases, and life processes of animals; Botanists, who study plants and their environment; and Physiologists, who study the life function of plants and animals.

The employment outlook for biologists & bioscience-related professions is about average. While there has been a dramatic increase in biotechnical knowledge which now requires biological skill and understanding to translate into practical uses, as the larger firms that conduct such research have merged, outsourcing of research to other countries has also expanded. Another area of potential growth is the environmental arena, in which biological scientists will be needed to determine the environmental impact of industry and government actions and to prevent or correct environmental problems.

Some career possibilities for Biology majors:
- Aquaculture Specialist
- Biochemist
- Biologist
- Biomedical Engineer
- Biomedical Equipment Technician
- Botanist
- Chiropractor
- Coroner
- Cytotechnologist
- Dental Assistant
- Dental Hygienist
- Dentist
- Dietitian
- Ecologist
- Educator
- EEG Technician
- Florist
- Food Technologist
- Forensic Scientist
- Forester
- Geneticist
- Horticulturist
- Nurse
- Marine Biologist
- Medical Illustrator
- Medical Lab Technician
- Medical Librarian
- Medical Technologist
- Microbiologist
- Molecular Biologist
- Mortician
- Mycologist
- Nutritionist
- Occupational Therapist
- Oceanographer
- Paramedic
- Parasitologist
- Pathologist
- Pharmacologist
- Physical Therapist
- Physician
- Physiologist
- Public Health Director
- Registered Nurse
- Respiratory Therapist
- Respiratory Therapy Technician
- Taxonomist
- Toxicologist
- Veterinarian
- Wildlife Biologist
- Zoologist

Possible employers of Biology majors:
- Agricultural Chemical Companies
- Aquariums
- Arboretns
- Biological Book & Journal Publishers
- Biological Testing Laboratories
- Colleges & Universities
- Consulting Engineering Firms
- Cosmetic Companies
- Environmental Protection Agencies
- Hospitals
- Local, State, Federal, & Tribal Government
- Medical Companies & Corporations
- Medical Supply Companies
- Mining Companies
- National & State Parks
- Nurseries
- Petroleum Manufacturers
- Pharmaceutical Companies
- Research Firms
- Technical Journals
- Technical Research Institutions
- U.S. Bureau of Land Management
- U.S. Fish and Wildlife Service

Professional Organizations & Additional Information:

American Institute of Biological Sciences
1444 I St NW, Ste 200
Wash, DC 20005
www.aibs.org

Amer Society of Limnology and Oceanography
ASLO Business Office
5400 Bosque Blvd, Suite 680
Waco, TX 76710
www.aslo.org/

Amer Physiological Society
9650 Rockville Pike
Bethesda, MD 20814
www.the-aps.org/

Amer Society for Microbiology
1752 N Street, NW
Wash, DC 20036
www.asm.org/

American Society for Investigative Pathology
9650 Rockville Pike, Bethesda, MD 20814
www.asip.org/

http://online.onetcenter.org