

*What can I do with a major in **Biology**?*

Overview

- **Biology is a science that we encounter daily. As society continues to advance technologically and we expand our connections globally, knowledge of biology has become increasingly important. Medicine, the environment and even the local and global economy are all topics that include significant aspects of biology.**

- **Careers in biology include a wide range of choices attracting people with a variety of talents. Biologists are in demand for research, health care, education and wildlife conservation and management of the environment. In addition, there are many exciting, newly developed fields where a degree in biology is an advantage—such as forensic science, biotechnology and genetic engineering. Employment opportunities exist at a variety of educational levels, you can start a career in biology with a bachelor's, master's or doctorate degree.**

Career Titles

▪ Acquisition Logistics Manager	▪ Environmental Lawyer	▪ Natural Resources Manager
▪ Agricultural Researcher	▪ Environmental Planner	▪ Naturalist
▪ Agricultural Scientist	▪ Environmental Protection Worker	▪ Neurobiologist
▪ Agronomist	▪ Environmental Scientist	▪ Nurse
▪ Air / Water Quality Analyst	▪ EPA Inspector	▪ Nutritionist
▪ Allergist	▪ Epidemiologist	▪ Oceanographer
▪ Anatomist	▪ Ergonomist	▪ Ophthalmologist
▪ Anesthesiologist	▪ Ethologist	▪ Optometrist
▪ Animal Behaviorist	▪ Fish & Game Warden	▪ Ornithologist
▪ Animal Biologist	▪ Fish Hatchery Technician	▪ Paleontologist
▪ Animal Breeder	▪ Fish Processor	▪ Paramedic
▪ Animal Ecologist	▪ Fisheries Biologist	▪ Parasitologist
▪ Animal Physiologist	▪ Fisheries conservation	▪ Park Naturalist
▪ Animal Research Technician	▪ Fisheries Conservationist	▪ Park Ranger
▪ Animal Rights Advocate	▪ Flavors/Fragrances Researcher	▪ Patent Attorney
▪ Animal Scientist	▪ Floriculturist	▪ Patent Specialist
▪ Animal Taxonomist	▪ Florist	▪ Pathologist
▪ Animal Trainer	▪ Food and Drug Inspector	▪ Peace Corps Volunteer
▪ Anthropologist	▪ Food Chemist	▪ Pediatrician
▪ Aqua Culturist	▪ Food Technologist	▪ Perfusionist
▪ Aquaculture Farmer	▪ Forensic Biotechnologist	▪ Pest Control Inspector
▪ Aquarist	▪ Forensic Scientist	▪ Pharmaceutical Researcher
▪ Aquarium & Museum Worker	▪ Forensic Serologist	▪ Pharmaceutical Sales Representative
▪ Aquarium Technician	▪ Forest Ranger	▪ Pharmacist
▪ Aquatic Biologist	▪ Forester	▪ Pharmacologist
▪ Aquatic Ecologist	▪ Genetic Counselor	▪ Pharmacologist
▪ Arborist	▪ Genetic Engineer	▪ Pharmacy Technician
▪ Audiologist	▪ Geneticist	▪ Phlebotomist
▪ Bacteriologist	▪ Geographer	▪ Physical Therapist
▪ Bioanalyst	▪ Hazardous Waste Manager	▪ Physical Therapy Assistant
▪ Biochemical Tester	▪ Health Officer	▪ Physician
▪ Biochemical Toxicologist	▪ Health Physicist	▪ Physician Assistant
▪ Biochemist	▪ Herpetologist	▪ Physiologist
▪ Bioengineer	▪ Histologist	▪ Plant Biologist
▪ Biological Illustrator	▪ Horticulture Scientist	▪ Plant Ecologist
▪ Biological Photographer	▪ Horticulturist	▪ Plant Geneticist



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▪ Biological Researcher	▪ Hospital Administrator	▪ Plant Pathologist
▪ Biologist	▪ Hydrographic Survey Technician	▪ Plant Physiologist
▪ Biomedical Engineer	▪ Hydrologist	▪ Plant Taxonomist
▪ Biomedical Equipment Technician	▪ Ichthyologist	▪ Podiatrist
▪ Biometrician	▪ Immunologist	▪ Pollution Control Technician
▪ Biophysicist	▪ Industrial Hygienist	▪ Professor
▪ Biostatistician	▪ Industrial Marine Economist	▪ Psychiatrist
▪ Biotechnologist	▪ Journalist	▪ Psychobiologist
▪ Biotechnology Sales Representative	▪ Kennel Manager	▪ Public Health Director
▪ Blood Bank Technologist	▪ Laboratory Technician	▪ Public Health Statistician
▪ Botanist	▪ Landscape Designer	▪ Quality Control Specialist
▪ Brewery Laboratory Assistant	▪ Landscaper	▪ Radiologic Technologist
▪ Cell Biologist	▪ Librarian	▪ Research Assistant
▪ Cell Culture Specialist	▪ Licensed Practical Nurse	▪ Researcher
▪ Cellular Physiologist	▪ Limnological Technician	▪ Respiratory Therapist
▪ Chemical Laboratory Technician	▪ Limnologist	▪ Science Editor
▪ Chemical Oceanographer	▪ Mammalogist	▪ Science Teacher
▪ Chemist	▪ Marine Bacteriologist	▪ Scientific Librarian
▪ Chiropractor	▪ Marine Biologist	▪ Scientific Photographer
▪ Clinical Chemist	▪ Marine Mammal Trainer	▪ Soil Conservationist
▪ Clinical Researcher	▪ Marine Resource Analyst	▪ Statistician
▪ Conservationist	▪ Marine Sales	▪ Substance Abuse Counselor
▪ Coroner	▪ Market Research Analyst	▪ Surgeon
▪ Crime Laboratory Analyst	▪ Medical and Scientific Writer	▪ Taxonomist
▪ Criminologist	▪ Medical Doctor	▪ Teacher
▪ Crop Physiologist	▪ Medical Equipment Sales	▪ Technical Writer
▪ Crop Scientist	▪ Medical Examiner	▪ Toxicologist
▪ Cytologist	▪ Medical Illustrator	▪ Underwater Technician
▪ Cytotechnologist	▪ Medical Laboratory Tech	▪ Veterinarian
▪ Dental Hygienist	▪ Medical Librarian	▪ Veterinarian Technician
▪ Dentist	▪ Medical Researcher	▪ Virologist
▪ Dermatologist	▪ Medical Sales Representative	▪ Water Quality Technician
▪ Dietitian	▪ Medical Social Worker	▪ Wildlife Biologist
▪ Drug Inspector	▪ Medical Technologist	▪ Wildlife Ecologist
▪ Ecologist	▪ Meteorologist	▪ X-Ray Technician
▪ Embryologist	▪ Microbiologist	▪ Zoo Manager
▪ Emergency Medical Technician	▪ Microbiologist	▪ Zoological Ecologist
▪ Endocrinologist	▪ Molecular Biologist	▪ Zoological Morphologist
▪ Entomologist	▪ Molecular Geneticist	▪ Zoological Physiologist
▪ Environmental Analyst	▪ Morphologist	▪ Zoological Researcher
▪ Environmental Educator	▪ Mortician	▪ Zoological Taxonomist
▪ Environmental Engineer	▪ Mycologist	▪ Zoologist
▪ Environmental Health Specialist		

Employers

▪ Agribusiness Companies	▪ Distilleries	▪ National Institutes of Health
▪ Agricultural Chemical Companies	▪ Environmental Consulting Firms	▪ National Park Service
▪ Agricultural Firms-Research	▪ Environmental Protection Agency	▪ Natural History Museums
▪ Animal Refuges	▪ Farms	▪ Oil Companies
▪ Aquariums	▪ Fish & Wildlife Service	▪ Park Service
▪ Atomic Energy Commission	▪ Fisheries	▪ Peace Corps
▪ Biological Testing Laboratories	▪ Food & Drug Administration	▪ Pest Control Companies



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▪ Biomedical and Health Research	▪ Food Manufacturers	▪ Pet Stores
▪ Biomedical Companies	▪ Forestry Centers	▪ Pharmaceutical Companies
▪ Biopharmaceutical Companies	▪ Game & Water Fish Commission	▪ Professional and Technical Journals
▪ Biotechnology Companies	▪ Health Care Facilities	▪ Public Health Departments
▪ Biotechnology Firms	▪ Health Care Producers	▪ Public Utilities
▪ Botanical Gardens & Arboretums	▪ Horticulture Companies	▪ Research Facilities
▪ Bureau of Land Management	▪ Hospitals	▪ Research Foundations
▪ Center for Disease Control	▪ Humane Societies	▪ Research Organizations
▪ Chemical Manufacturers	▪ Landscaping Companies	▪ Scientific Journals
▪ Clinics	▪ Local, State, Federal Government	▪ Soap/Cosmetics Companies
▪ Colleges/Universities	▪ Lumber Industry	▪ State & National Parks
▪ Conservation Organizations	▪ Magazines	▪ Testing Labs
▪ Consulting Engineering Firms	▪ Manufacturing Firms	▪ Tobacco Industry
▪ Consumer Product Safety Commission	▪ Marine and Oceanic Groups	▪ Wastewater Treatment Facilities
▪ Department of Agriculture	▪ Medical Laboratories	▪ Water Resource Council
▪ Department of Commerce	▪ Medical Schools	▪ Wildlife Preserves
▪ Department of Environmental Protection	▪ Museums	▪ Zoos
▪ Department of Health & Human Services	▪ NASA	

Skills

▪ Ability to use scientific equipment and measuring instruments	▪ Demonstrate abilities in critical thinking and problem-solving.	▪ Organization of data
▪ Acute observational skills	▪ Demonstrate knowledge of cellular biology, molecular biology and genetics, organismal biology and population biology.	▪ Perceive and define cause and effect relationships
▪ Advanced critical thinking, problem solving, and research skills	▪ Draw conclusions from data	▪ Perception of patterns/structures
▪ Analytical & quantitative abilities	▪ Evaluate information against appropriate standards-manipulating information using expertise in statistics	▪ Possesses proficiency for accurate details
▪ Attention to detail	▪ Experiment with ideas/procedures	▪ Present/summarize research findings
▪ Biology theory & practical knowledge	▪ Faculty to improve the methods available for processing and storing resources	▪ Problem solving
▪ Biology theory & practical knowledge	▪ Gather data	▪ Reads, writes, thinks, questions, analyzes, and problem solves
▪ Calculating skills	▪ Independent worker	▪ Review large amounts of material and extracting essence
▪ Capability of conducting research and statistically analyzing the data	▪ Information handling & organization	▪ Statistical awareness
▪ Capacity to tests products and equipment to ensure quality and safety	▪ Learn new information quickly	▪ Summarize data



▪ Capacity to understand and express complex scientific and technical information	▪ Logical thinking	▪ Teamwork
▪ Careful record keeping skills	▪ Maintain records/tabulate data	▪ Technical skills
▪ Concentrate for long periods of time	▪ Makes critical observations and appropriate decisions	▪ Test an idea/hypothesis
▪ Curiosity and creativity	▪ Numerical computation	▪ Use scientific methods and to appreciate the contributions of science and scientists to humanity's present and future welfare.
▪ Data analysis	▪ Operate scientific equipment	▪ Write and speak clearly using scientific terminology.
▪ Data processing	▪ Oral and written communication skills	▪ Write factual material clearly and concisely

Salary Information

NACE (National Association of Colleges and Employers) Summer 2012 Salary Survey Average Offers:

- **Biological Sciences/Life Sciences Bachelor's Degree: \$38,300**

The job titles and employers listed below are a sample of the results from the annual St. Norbert College Career Services graduate follow-up survey for the Classes of 2003-2010.

Graduate Information: Job Titles

▪ AIDS Researcher	▪ Micro Lab Tech	▪ Research Technologist
▪ Health Unit Coordinator	▪ Nursing Assistant	▪ Scientist
▪ High School Science Teacher	▪ Physical Therapy Assistant	▪ Teacher
▪ Hydrological Technician	▪ Program Coordinator	▪ Veterinary Assistant
▪ Lab Technician	▪ Registered Nurse	

Graduate Information: Employers

▪ Americorps	▪ Holy Family Memorial Medical	▪ National Forest Service
▪ Ashwaubenon School District	▪ Kimberly Clark	▪ Puget Sound Health Center
▪ Bianco's Physical Therapy	▪ King Pharmaceutical	▪ St. Vincent Hospital
▪ Birch Creek Retirement	▪ Kobance Pharmacy	▪ Teach for America
▪ Churney Microbiology Services	▪ Mayo Clinic	▪ University of Iowa
▪ Churney Microbiological Service	▪ Medical College of Wisconsin	