

What you can do with a degree in

# Biology

 CENTER FOR CAREER & CALLING

The following is a sample of occupational titles and work settings related to Biology.

Keep in mind that career options are not dictated solely by choice of major.

Just as there are many careers open to graduates of any major, there are many paths to careers that do not require a specific degree. Use this information as a beginning guide to exploring options.

## Sample Job Titles:

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- Agricultural Economist
- Agricultural Researcher
- Agronomist
- Agriculturalist
- Anatomist
- Animal Biologist
- Aquatic Biologist
- Bacteriologist
- Behavioral Neuroscientist
- Biochemist
- Bioengineer
- Biological Photographer
- Biologist
- Biomedical Engineer
- Biophysicist
- Biophysicist
- Biotechnology
- Botanist
- Chemical Laboratory Technician
- Chiropractor
- Clinical Neuroscientist
- Cognitive Neuroscientist
- Coroner
- Crop Scientist
- Cytotechnologist
- Dental Hygienist
- Dental/Medical Assistant
- Dentist
- Developmental Neuroscientist
- Dietician / Nutritionist
- Ecologist
- Electoneurodiagnostic Technician
- Emergency Medical Technician
- Entomologist
- Environmental Analyst
- Environmental Attorney
- Environmental Ecologist
- Environmental Scientist
- Epidemiologist
- Farmer
- Fisheries Biologist
- Food and Drug Inspector
- Food Scientist
- Food Technologist
- Forensic Scientist
- Forester
- Genetic Counselor
- Geneticist
- Health Scientist Administrator
- Histologist
- Horticulturist
- Licensed Practical Nurse
- Limnologist
- Livestock Scientist
- Marine Biologist
- Medical Doctor
- Medical Examiner
- Medical Illustrator
- Medical Instrument Technician
- Medical Librarian
- Medical Researcher
- Medical Writer
- Medical/Clinical Laboratory Technologist
- Microbiologist
- Mycologist
- Neuroanatomist
- Neurobiologist
- Neurochemist
- Neurological Surgeon
- Neurologist
- Neuropathologist
- Neuropharmacologist
- Neurophysiologist
- Neuropsychologist
- Neuroscience
- Neuroscience Nurse
- Neuroscientist
- Oceanographer
- Optometrist
- Ornithologist
- Parasitologist
- Park Naturalist
- Pathologist
- Pest Control Specialist
- Pharmacist
- Pharmacologist
- Physical Therapist
- Physician's Assistant
- Physiological Psychologist
- Physiologist
- Plant Pathologist
- Plant Physiologist
- Podiatrist
- Psychiatrist
- Psychobiologist
- Psychophysicist
- Public Health Educator
- Quarantine Officer
- Research Assistant
- Sanitarian
- Science Writer
- Soil Conservationist
- Soil Scientist
- Sports Nutritionist
- Surgeon
- Taxidermist
- Teacher
- Toxicologist
- Veterinarian
- Water Engineer
- Wildlife Ecologist
- Zoologist

## Possible Professional Settings:

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- Agricultural Firms-Research
- Animal Hospitals
- Aquariums/Zoos
- Arboretums
- Atomic Energy Commission
- Biotech Companies
- Botanical Gardens
- Chemical, Drug, & Allied Product Firms
- Colleges or Universities
- Consulting Firms
- Dental Offices
- Environmental Consulting Firms
- Farms
- Fisheries
- Food Product Firms
- Forestry Centers
- Government Agencies
- Hatcheries
- Hospitals
- Landscaping Companies
- Medical Laboratories
- Medical Schools
- Natural History Museums
- Non Profit Organizations
- Park Service
- Pet Stores
- Pharmaceutical Companies
- Pharmacies
- Public Health Departments
- Research Organizations
- Schools
- State & National Parks
- Wastewater Treatment Facilities
- Wildlife Preserves
- Zoological/Botanical Gardens

## Resources:

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The following lists are samples of resources available for learning more about majors and careers.\*

### Websites Related to this Field

- SciCentral: [www.scicentral.com](http://www.scicentral.com)
- AAAS-Science Next Wave: <https://www.sciencemag.org/careers>
- National Science Foundation: [www.nsf.gov](http://www.nsf.gov)

### Professional Associations - Samples

- American Association for the Advancement of Science: <https://www.aaas.org/>

### Sample Internship Sites & Volunteer Opportunities

- <https://spu.edu/administration/center-career-calling/prepare/finding-an-internship/internship-locations>
- Fred Hutchinson Cancer Research Center: <https://www.fredhutch.org/en.html>
- Washington Life Science: <http://www.washingtonlifescience.com>
- Institute for Systems Biology: <https://isbscience.org/>

### General Career Information

- WebGURU Guide for Undergraduate Research: <http://www.webguru.neu.edu>
- Occupational Outlook Handbook: [www.bls.gov/ooh](http://www.bls.gov/ooh)
- The Occupational Information Network, (O\*Net): [www.onetonline.org](http://www.onetonline.org)

### SPU Resources

- Biology Department Website: [www.spu.edu/depts/biology](http://www.spu.edu/depts/biology)
- Biology Major List Serve: (email Tim Nelson in Bio Dept: [tnelson@spu.edu](mailto:tnelson@spu.edu))
- SPU Student Groups - SPACE – Seattle Pacific Agriculture for the Community and Environment, Biology Club (Tri-Beta), Scientific Discussion Club of SPU: <http://spu.edu/depts/assp/clubs/current.html>
- Major & Career Exploration (GS 2001 - 2 credits, offered every quarter)
- Career Counseling: call 206.281.2485 or stop by the Center for Career and Calling on the second floor of the SUB
- Academic Advising: [www.spu.edu/depts/sas](http://www.spu.edu/depts/sas)
- Academic Catalog: [www.spu.edu/academics.aspx](http://www.spu.edu/academics.aspx)

\* Websites are current as of August 2020. If any go inactive, please let us know.

