

WHAT CAN I DO WITH A MAJOR IN BIOLOGY

CAREER INFORMATION FOR MAJOR IN BIOLOGY

This handout provides sources of career information for **Biology Majors**. There are different career options available in the field of **Biology**. Below is a sample of some of the types of positions for graduates with major in **Biology**. Please note that you might require further education and experience for some positions.

SKILLS DEVELOPED BY BIOLOGY STUDENTS

Communication and Interpersonal

- Write scientific reports
- Interact professionally with multidisciplinary individuals
- Adapt scientific vocabulary to suite the general public
- Create graphs to represent data
- Understand scientific journals

Research

- Collect & preserve field organisms
- Dissect preserved or euthanized specimens
- Inspect specimens
- Conduct journal research
- Analyze and evaluate information

Technical

- Perform laboratory procedures
- Maintain laboratory equipment and instrumentation
- Comply with quality control procedures
- Comply with safety regulations

Quantitative

- Observe and make measurements on organisms
- Analyze data for trends
- Apply statistical tests to data to test for significance

Organizational

- Manage time effectively

CAREERS IN BIOLOGY

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| <ul style="list-style-type: none"> • Medical / Clinical Laboratory Technologist • Research Technician • Pharmacy Technician • Biotechnology Research Associate • High School Teacher • Veterinary Technologist / Technician • Biotechnology Research Scientist • Medical Research Assistant • Biologist | <ul style="list-style-type: none"> • Research Scientist • Quality Assurance Specialist • Clinical Research Coordinator • Lab Technologist • Pharmaceuticals Sales Representative • Chemical Laboratory Technician • Environmental Scientist / Specialist, Including Health • Clinical Laboratory Scientist • Molecular Biology Research Associate | <ul style="list-style-type: none"> • Technician • Biotechnology Quality Control Analyst • Medical / Clinical Laboratory Supervisor • Biotechnology Research Technician • Research and Development Lab • Medical / Clinical Laboratory Technician • Microbiologist • Medical Assistant |
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EXAMPLES OF EMPLOYERS WHO HIRE BIOLOGY GRADUATES

- Academic medical centres/laboratories
- Biotechnology Companies
- Boards of Education
- Conservation Authorities
- Consulting firms
- Consumer health libraries
- Engineering firms
- Environment and Pollution Control
- Government
- Government agencies
- Hospitals and Medical Centres
- Industrial inspection firms
- Law Firms
- Magazines and Newspapers
- Manufacturing and processing companies
- Non-Profit Agencies
- Pharmaceutical Companies
- Publishing Companies
- Scientific research and development companies
- Self-employed/freelance
- Universities and Colleges
- Zoos, Aquariums, National/Provincial Parks

BIOLOGY JOBS

Science Jobs:

<http://www.science.ca/scientists/jobs.php>

Wow Jobs: Pharmaceutical/Bio-Tech Jobs in Canada: <http://www.wowjobs.ca/start.aspx>

Biology Jobs com: <http://www.biologyjobs.com/>

Biology jobs & careers in science:
<http://www.nature.com/naturejobs/science/>

Search for Wildlife biology jobs:
<http://ca.indeed.com/?r=us>

Job Bus Canada...
<http://www.jobbus.com/>

BIOLOGY ASSOCIATIONS

BioTalent Canada:

http://www.biotalent.ca/default_e.asp

Canadian Federation of Biological Societies (CFBS):

<http://www.cfbs.org/links-ms.html>

Environmental Career Organization (ECO):

<http://www.eco.ca/>

Science and Biology Association Directory

<http://www.sciencecentral.com/category/269962>

CAREER RESOURCE LIBRARY FOR BIOLOGY STUDENTS

Ministry of Natural Resources

<http://www.mnr.gov.on.ca/en/index.html>

Opportunities in biological science careers

http://books.google.ca/books?id=D1d8N6VEjv8C&dq=books+for+CAREER+in+BIOLOGY&source=gbs_navlinks_s

Center for Ecology & Conservation Biology

<http://www.bu.edu/cecb/resources/career-resources/>

Resource for Cell and Molecular Biologists

<http://www.cellbio.com/index.html>

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