

What can I do with my studies in **Applied Biology**

Depending on my interests and experience, possible job titles:

- Agronomist
- Botanist / Wildlife Biologist
- Ecologist
- Agricultural / Forest / Entomologist
- Nature Interpreter
- Fisheries Analyst
- Mammalogist
- Environmental/Ecology Consultant
- Zoologist
- Conservation Officer
- Wildlife Naturalist
- Environmental Impact Assessment
- Fisheries Technologist
- Plant Anatomist
- Horticulturist
- National / Provincial Park Warden

The information in this handout will provide you with ideas as to some typical careers/jobs that are associated with your degree, along with alternative careers that may not be as directly related to what you have studied. This by no means implies that these jobs are the only options you have. These careers are just samples of what you can do if you have the appropriate skills and experience.

Try searching for the job titles shown on this page at either jobbank.gc.ca or careercruising.com, where you'll find career descriptions, profiles and job outlooks. (login details for Career Cruising available by contacting CaPS).

If you're feeling a bit lost and you're curious about your future career options, we encourage undergrads to register for the Undergrad Hive career exploration program. Feel free to come by the CAPS office to make an appointment with a career advisor to discuss your career options and job search strategies.

mcgill.ca/caps/students/services/hive

Possible job titles outside my area of study:

Business

- Management Consultant
- Benefits Officer
- Marketing Specialist / Representative
- Quality Control / Quality Assurance Specialist
- Public Relations Consultant
- Market Researcher
- Recruiter
- Human Resources Specialist
- Job Analyst
- Investment Advisor
- Entrepreneur

Communications

- Writer
- Editor
- Reporter / Journalist
- Broadcaster
- Publisher
- Executive Producer
- Web Developer
- Producer
- Technical Writer

Education

- Academic Advisor
- Educator / Trainer
- Informal Science Educator
- Scientific Illustrator

Other

- Patent Agent
- Informatics Specialist
- Technology Transfer Officer
- Policy Analyst

With additional education/ training or experience:

- Marine Biologist
- Oceanographer
- GIS Analyst
- Forester
- Pharmacologist
- Professor
- Plant or Insect Physiologist
- Veterinarian
- Science Librarian
- Food Scientist
- Mining Engineer
- Microbiologist
- Paleontologist

Associations & Websites:

- Alberta Society of Professional Biologists
<http://www.aspb.ab.ca/>
- Canadian Society of Zoologists
<http://www.csz-scz.ca/>
- Canadian Botanical Association
<http://www.cba-abc.ca/cbahome.htm>
- Botanical Society of America
<http://www.botany.org/>
- Ecological Society of America
<https://www.esa.org/>
- Ordre des agronomes du Québec
<http://www.oaq.qc.ca/>
- Society for Integrative & Comparative Biology
<http://www.sicb.org/>

Related Skills:

- Concentrate for long periods of time
- Organize and maintain accurate records
- Desire for precision
- Enthusiasm for exploring
- Diligence
- Independent worker
- Information handling & organization
- Curiosity and creativity
- Statistical awareness
- Oral & written communication
- Numerical computation
- Analytical & quantitative abilities
- Innovative talents
- Problem solving
- Teamwork
- Living organisms, their chemical & biological structure
- Cellular structures, organ systems, whole organisms and the process involved in their inter-related functioning
- Operate scientific equipment
- Proficient in critical speaking
- Thorough knowledge of basic biological theories and practices
- Strong interest in organisms
- Biology theory & practical knowledge

Areas of Employment:

- Agricultural Centres
- Conservation Agencies
- Environmental / Ecological Consulting Firms
- Educational Institutions
- Forestry Companies
- Governments
- International Agencies
- Zoos, Aquariums, Parks and Recreational Agencies
- Museums
- Publishing Companies
- Research Centres
- Botanical Gardens