

Biological Sciences, Bachelor of Science

This degree program is the study of all living things. Life sciences encompass a broad range of subjects, from molecular biology to ecology, biochemistry, biophysics, genetics and physiology. Biological Sciences is the most general and fundamental of the life sciences, and will provide you with great flexibility for career planning.

What you can be with your Biological Sciences, Bachelor of Science:

Agronomist #2123	Environmental Analyst # 2121	Embryologist #2121	Plant Geneticist #2121
Fisheries Biologist #2121	Biologist #2112	Flavour Chemist #2121	Microbiologist #2121
Forester #2122	Natural Resource Manager #2121	Geneticist #2121	Botanist #2121
Naturalist #2121	Horticulturalist #2121	Parasitologist #2121	Scientific Librarian #5111
Hospital Administrator #0311	Scientific Reporter #5123	Cytotechnologist #3211	Patent Specialist
Toxicologist #2121	Ecologist #2121	Lobbyist	Marine Biologist #2121
Zoo Assistant #6483	Entomologist #2121	Biochemist #2112	Research Assistant #2121
Wildlife Biologist #2121	Pathologist #3111	Crop Physiologist #2121	Biotechnologist #2121

This career/job listing is only a sample of the possible career options; these are certainly not the only career/job options accessible with this degree/diploma. Some of the careers listed require further education.

For career information, enter the four digit number listed below in the Alberta Learning Information Services Website (www.alis.alberta.ca) or the National Occupational Classification Website (<http://www5.hrsdc.gc.ca/NOC/>)

RDC Career Services can help you explore your interests, identify your goals, discuss your career options and job search strategies and discover how to make the most of your education. Email or give us a call to connect with a career counsellor.

RDC Department Information: Biological Sciences, Bachelor of Science, rdc.ab.ca/programs/sciences

Potential employers:

Alberta Agriculture & Food-Food Safety Division	Alberta Cancer Board	Alberta Environment	Alberta Fish & Wildlife-Forensic Lab
Alberta Research Council	Biomira Inc.	Canadian Assn. of Petroleum Producers	Canada West BioSciences
CanBiocin Inc.	Castle Rock Research Corp.	Environment Canada	Natural Resources Canada
Parks Canada	University of Alberta		

Major Skills Obtained from Biological Sciences, Bachelor of Science Degree Program

- Adaptability to different work environments
- Attention to detail
- Communication skills (verbal & written)
- Critical & inferential thinking
- DNA extraction & amplification
- Environmental sampling
- Ethical practice
- Experimental design
- Laboratory equipment operation
- Organization, analysis, & interpretation of scientific data
- Physiological understanding of micro-organisms
- Project management
- Scientific writing
- Species identification
- Stamina & endurance for field work
- Theory development

Professional Associations and Sites of Interest

Red Deer County <http://rdcounty.ca/>

Red Deer College rdc.ab.ca

City of Red Deer reddeer.ca

City of Edmonton edmonton.ca

City of Calgary calgary.ca

Government of Canada www.jobs.gc.ca

Alberta Health Services www.healthjobs.ab.ca

Government of Alberta www.chr.alberta.ca/jobs

Information adapted from mcgill.ca/caps, alis.gov.ab.ca, and business.mtroyal.ca.