**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          |
| Forister  
#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:

<table>
<thead>
<tr>
<th>Alberta Agriculture &amp; Food-Food Safety Division</th>
<th>Alberta Cancer Board</th>
<th>Alberta Environment</th>
<th>Alberta Fish &amp; Wildlife-Forensic Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alberta Research Council</td>
<td>Biomira Inc.</td>
<td>Canadian Assn. of Petroleum Producers</td>
<td>Canada West BioSciences</td>
</tr>
<tr>
<td>CanBiocin Inc.</td>
<td>Castle Rock Research Corp.</td>
<td>Environment Canada</td>
<td>Natural Resources Canada</td>
</tr>
<tr>
<td>Parks Canada</td>
<td>University of Alberta</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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/](http://rdcounty.ca/)
Red Deer College [rdc.ab.ca](http://rdc.ab.ca)
City of Red Deer [reddeer.ca](http://reddeer.ca)
City of Edmonton [edmonton.ca](http://edmonton.ca)
City of Calgary [calgary.ca](http://calgary.ca)

Alberta Health Services [www.healthjobs.ab.ca](http://www.healthjobs.ab.ca)
Government of Alberta [www.chr.alberta.ca/jobs](http://www.chr.alberta.ca/jobs)

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