Agriculture, Bachelor of Science

This degree program is in applied science and business, with a strong background in the biological, physical, social and applied agricultural sciences. Students choose a major of: Agricultural and Resource Economics, Animal Science, Crop and Horticultural Science, Range and Pasture Management or Sustainable Agricultural Systems.

Agricultural Studies is the examination of agriculture from a theoretical and applied perspective. After graduating from this program, graduates will have a solid understanding of the social, economic, political, and environmental conditions that affect the agricultural sector.

What you can be with your Agriculture, Bachelor of Science Degree:

<table>
<thead>
<tr>
<th>Researcher</th>
<th>Laboratory Technician #2211</th>
<th>Integrated Pest Management</th>
<th>Nursery Manager #8254</th>
<th>Feed Store Specialist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agrologist #2123</td>
<td>Horticultural Supplier Company</td>
<td>Owner/Operator Rancher #8251</td>
<td>Reforestation Grower</td>
<td>Food Inspector #2222</td>
</tr>
<tr>
<td>Greenhouse Owner/Operator #8254</td>
<td>Vegetable Farm Owner #8431</td>
<td>Landscape Technician #2225</td>
<td>Herdsmen #8431</td>
<td>Retail Management</td>
</tr>
<tr>
<td>Ornamental Plant Grower</td>
<td>Produce Manager #8431</td>
<td>Horse Trainer</td>
<td>Seed Trail Manager</td>
<td>Artificial Insemination Specialist</td>
</tr>
<tr>
<td>Forestry Researcher #2223</td>
<td>Dairy Farmer #8251</td>
<td>City/Municipal Parks Department #2224</td>
<td>Crop Consultant</td>
<td>Agri-Food Health Division</td>
</tr>
<tr>
<td>Foreign Insect Pest Control #7444</td>
<td>Entomological Researcher</td>
<td>Training Stables Owner/Operator</td>
<td>Agricultural Chemist #2121</td>
<td>Agricultural Engineer #2123</td>
</tr>
<tr>
<td>Biomedical Engineer #2148</td>
<td>Wildlife Biologist #2121</td>
<td>Conservation Officer #2224</td>
<td>Ecologist #2121</td>
<td>Physiologist #2121</td>
</tr>
<tr>
<td>Clinical Research Associate #4165</td>
<td>Forensic Laboratory Technologist #2221</td>
<td>Forester #2122</td>
<td>Fisheries Technologist #2221</td>
<td>Environmental Engineer #2131</td>
</tr>
<tr>
<td>Marine Biologist #2121</td>
<td>Medical Laboratory Technician #3212</td>
<td>Health Officers Supervisors #2263</td>
<td>Fisheries Analyst #4161</td>
<td>Plant Anatomist #2121</td>
</tr>
<tr>
<td>Organic Chemist #2121</td>
<td>Parks and Wildlife Naturalist #2121</td>
<td>Toxicologist #2121</td>
<td>Veterinarian #3114</td>
<td>Food Production Technologist</td>
</tr>
<tr>
<td>Horticulturalist #2225</td>
<td>Zoologist #2121</td>
<td>Agronomist #2123</td>
<td>Animal Nutritionist #2121</td>
<td>Botanist #2121</td>
</tr>
</tbody>
</table>

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 Information: Agriculture, Bachelor of Science: https://rdc.ab.ca/programs/sciences/bachelor-science-agriculture
**WHAT CAN I DO WITH MY CREDENTIAL? | BSC – Agriculture**

### Potential employers:

<table>
<thead>
<tr>
<th>Government</th>
<th>Educational Institutions</th>
<th>Retail Organizations</th>
<th>Advertising Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrepreneurs</td>
<td>Agricultural Centres</td>
<td>Marketing</td>
<td>Research Centres</td>
</tr>
<tr>
<td>Farm Workers/Technicians</td>
<td>Grain/Crop Producers</td>
<td>Livestock/Poultry Producers</td>
<td>Health Industries</td>
</tr>
<tr>
<td>Greenhouses</td>
<td>Supermarkets</td>
<td>Forestry Companies</td>
<td>Laboratories</td>
</tr>
<tr>
<td>Manufacturing Firms</td>
<td>Conservation Agencies</td>
<td>Environmental Consulting Companies</td>
<td></td>
</tr>
</tbody>
</table>

### Major Skills Obtained:

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

### Professional associations and sites of interest

- Agricultural Employment Alberta Ltd. - [www.agriemployalberta.com](http://www.agriemployalberta.com)
- Alberta Association of Agricultural Societies - [www.albertaagsocieties.ca](http://www.albertaagsocieties.ca)
- Association of Alberta Agriculture Fieldmen – [www.aaaf.ab.ca](http://www.aaaf.ab.ca)
- The Alberta Agricultural Economics Association – [www.aaea.ab.ca](http://www.aaea.ab.ca)
- Agricultural Research and Extension Council of Alberta - [www.areca.ab.ca](http://www.areca.ab.ca)
- Agriculture Institute of Canada - [www.aic.ca/outreach/careers.html](http://www.aic.ca/outreach/careers.html)
- Farms.com - [www.farms.com/Careers](http://www.farms.com/Careers)
- Agricultural Recruitment - [www.agcall.com](http://www.agcall.com)
- Western Producer Classifieds - [www.producer.com/classifieds/sections/agcareers/html](http://www.producer.com/classifieds/sections/agcareers/html)
- Canadian Food Inspection Agency - [www.inspection.gc.ca](http://www.inspection.gc.ca)
- Agriculture and Agri- Food Online - [www.agr.gc.ca](http://www.agr.gc.ca)
- Canadian Society of Microbiologists - [www.csm-scm.org](http://www.csm-scm.org)
- Canadian Botanical Association - [www.cba-abc.ca](http://www.cba-abc.ca)
- Ordre des agronomes du Québec - [www.oaq.qc.ca](http://www.oaq.qc.ca)
- Agriculture Institute of Canada - [www.aic.ca](http://www.aic.ca)
- Canadian Society of Agronomy - [www.agronomycanada.com](http://www.agronomycanada.com)

Information adapted from mcgill.ca, ualberta.ca, rdc.ab.ca, and www.uleth.ca/fas/agri