Faculty of Science

BIOLOGICAL SCIENCES

Bachelor of Science (BSc)

From biomolecules to the biosphere, the biological sciences consider life in all forms. As the most broadly based biological science program, this degree will provide you with a marketable set of transferrable skills upon graduation. During the course of your studies, much of your learning will occur while actively working on problems in class, during tutorials, and in the laboratory.

Did You **Know?**

We have an ocean-side campus on the west coast of Vancouver Island Canada called Bamfield Marine Sciences Centre (BMSC).

Joe Harrison
**BSc'03, PhD'08**

Dr. Harrison researches surface-attached bacterial communities called biofilms. His lab tries to understand how bacteria in biofilm can establish chronic infections and understanding how biofilms can withstand antimicrobial treatments.

A general biological sciences degree gives me more control over the courses I take, and the freedom to explore what UCalgary has to offer. This year, I spent a semester at the Bamfield Marine Sciences Centre (BMSC). I completed many of my higher-level course requirements while learning about marine sciences, and gaining experience, using equipment, and developing skills I couldn’t have anywhere else.

Alexis D., biological sciences student

**Sample First-Year Courses**

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<tr>
<th>FALL</th>
<th>WINTER</th>
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<tbody>
<tr>
<td>Energy Flow in Biological Systems (BIOL 241)</td>
<td>DNA, Inheritance and Evolution (BIOL 243)</td>
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<tr>
<td>Chemistry (CHEM 201, 203 or 211)</td>
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<tr>
<td>Calculus (MATH 249, 265 or 275)</td>
<td>Linear Methods I (MATH 211) or Honours Linear Algebra I (MATH 213) or Calculus (MATH 267 or 277)</td>
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<tr>
<td>Choose one of: Computer Science (CPSC 217, 231 or 235) or Principles of Geoscience (GLGY 201) or Mechanics (PHYS 211 or 221)</td>
<td>Continuation of introductory course in: Computer Science (CPSC 219, 233 or 235) or Geology (GLGY 202) or Physics (PHYS 223)</td>
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<tr>
<td>Non-science option</td>
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**Consortium Programs**

Sustainable Energy and Environment (SEED) and Renewable Energy and Environment (REEF)

**Conservative Biology**

**Environment, Health and Safety Officer**

**Research Scientist**

**Biology Student Association**

**Women in Science and Engineering**

**Evelyn Mitchell Bursary** - Up to $5,500

**Chancellor's Club Scholarship** - Up to $10,000 (Renewable)

**View Program Requirements**

1. Visit ucalgary.ca/future-students/undergraduate/explore-programs
2. Select your program
3. Select your type of admission (high school or transfer)
4. Choose the location of your high school