**Biological Sciences**  
One of the largest programs within the Faculty of Science, Biological Sciences provides both practical and theory-based training in all aspects of the living world – from molecules to ecosystems. Pressing environmental challenges call for rigorous training in many areas of biology, such as conservation biology, ecology, and physiology, while advances in DNA sequencing technology have led to new discoveries in evolutionary biology, cell biology, and developmental biology. There is so much to explore as a Biological Sciences Major!

**Program Options**  
Biological Sciences is divided into three streams. **Cells**, **Molecules & Physiology** focuses on processes within organisms and the diversity and functioning of molecular and cellular systems, many with applications to health science. In **Ecology, Evolution & Conservation**, students concentrate on processes that lead to the diversity of life on earth and interactions among communities, populations, and organisms (including us) that are relevant to applied ecology and conservation. In the **Open stream**, students can build their program to suit their interests, which can include broad training in the life sciences or a specialization not covered by the other streams.

All Biological Sciences students have the opportunity to receive hands-on laboratory experience through coursework and personalized research courses supervised by world-class scientists. Students also have the opportunity to take courses at our beautiful branch campus, the Bamfield Marine Sciences Centre on Vancouver Island.

**Essential Websites**  
sfu.ca/biology  
sfu.ca/coop

**Sample Careers**  
A wide variety of career opportunities await graduates of Biological Sciences. The major provides all requirements required by professional schools (Medicine, Veterinary Science, etc.) and graduates of the Ecology, Evolution, and Conservation stream are eligible to apply for Registered Professional Biologist (in training) certification. Recent graduates have pursued diverse fields, including:

- Biotechnology
- Conservation Biology
- Environmental Consulting
- Fisheries Science
- Genetic Counselling
- Health Professions
- Teaching

**Co-op Education**  
All students are encouraged to consider applying to SFU’s popular Co-op program. Co-op allows students to enrich their university experience by obtaining paid work directly related to their degree and career goals. Placements can be local, national, or international. Recently, Biological Sciences students have been placed with Agriculture Canada, Amgen, BC Cancer Agency, Vancouver General Hospital, and Environment Canada.

“SFU provided me with opportunities that allowed me to broaden my knowledge and discover my true calling. Through my Conservation Biology course, I was inspired to help save barn owls from possible extinction. This assignment was pivotal in my pursuing a career in conservation.”  
- Laramie, 4th year student (Biological Sciences Major and Co-op)

> sfu.ca/science <

**Further Information**  
Student info, academic calendar, registration  
sfu.ca/students  
Science advising  
sfu.ca/science/contact/advising