

BIOLOGY



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What is **Biology**?

Biology is the science of living systems, organisms and life processes. It examines the nature, reproduction, structure, function, and behavior of living organisms and their relationship to the environment. This field encompasses all aspects of animal life, plants and microbes. To excel in Biology you must have knowledge of a variety of physical sciences and mathematics.

Average Class Size: 20-60 (for upper level courses)

Length of Program: 3-4 years

Example Careers: Doctor, Dietitian, Biotechnologist, Horticulturist, Taxonomist, Field Ecologist, Marine Biologist.

For additional examples of which careers students have followed, visit

<http://www.smu.ca/administration/career/science.html>

Program Requirements

Grade 12 Students must have:

- Grade 12 English Academic
- Pre Calculus 12 or Calculus 12
- 2 Academic 12 Science courses
- 1 additional Academic 12 course
- A minimum average of 65% with no mark below a 60%

Your First Year

First year students must follow the Basic Science Requirements which allow you to explore subjects from Arts, Science and Commerce. These requirements help you develop important intellectual and academic skills. This will provide you with the solid foundation needed to begin your Science degree. Some courses you may take in your first year to help you prepare for Biology include:

- **Molecular and Cell Biology**
BIOL 1201
- **Organismal and Ecological**
Biology BIOL 1202
- **Intro to Calculus I & II**
MATH 1210/1211



Being in an interdisciplinary degree allows students to choose their area of interest. Some areas of focus include:

- Medicine
- Zoology
- Psychiatry
- Teaching
- Environmental Studies
- Bio-Law
- Science Publication
- Ecology
- Government
- Agriculture

Please refer to our [Academic Calendar](#) for an inclusive list of courses, complete with course descriptions and detailed information about the program.

Life as a Biology Student at Saint Mary's University

At Saint Mary's there are many options for students to get involved on campus. The **Biology Society** is the perfect opportunity for Biology students. The society acts as a resource and social centre for students who are interested in Biology or simply have a desire to be outdoors and learn. Meet students with similar interests while participating in **BioBlitz**- a taxonomic survey that identifies as many different species as possible in a 24-hour period in a specific wilderness area.



Contact Information

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