Faculty of Science

PLANT BIOLOGY

Bachelor of Science (BSc)

Plant Biology is a challenging, dynamic, and investigative branch of biology. 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. This degree will provide you with an essential foundation in the physiology, anatomy, morphology, molecular biology, biochemistry, and development of plants.

Did You Know?

We offer study abroad programs in more than 40 countries, and also provide funding opportunities to help cover the costs!

Awards

LORAN SCHOLAR AWARDS - UP TO $10,000 (RENEWABLE)
CHANCELLOR’S CLUB SCHOLARSHIP - UP TO $10,000 (RENEWABLE)

Job Titles

BOTANIST
FORESTRY TECHNICIAN
SOIL CONSERVATIONIST

Student Clubs

BIOLOGY STUDENT ASSOCIATION
STUDENTS INTERESTED IN THE MEDICAL SCIENCES

George S.
BSc'88, MEDes'96

George is currently a director at the Office of the Auditor General (OAG) in Canada. He represents the OAG on the working group on environmental auditing of the International Organization of Supreme Audit Institutions - an international organization tasked with improving the use of environmental auditing around the world.

“ I learned about the plant biology program soon after starting my studies at UCalgary. The professor who introduced me to the program was an excellent instructor, and truly passionate about this major. This inspired me to major in plant biology, and I haven’t looked back. Working towards my degree has been fun and interesting, and it’s taught by people who want me to succeed.

Lisa C., plant biology student

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

Sample First-Year Courses

FALL

- Energy Flow in Biological Systems (BIOL 241)
- Chemistry (CHEM 201, 203 or 211)
- Calculus (MATH 249, 265 or 275)
- Choose one of: Computer Science (CPSC 217, 231 or 235) or Principles of Geoscience (GLGY 201) or Mechanics (PHYS 211 or 221)

Non-science option

WINTER

- DNA, Inheritance and Evolution (BIOL 243)
- Chemistry (CHEM 201, 203 or 213)
- Linear Methods I (MATH 211) or Honours Linear Algebra I (MATH 213) or Calculus (MATH 267 or 277)
- Continuation of introductory course in: Computer Science (CPSC 219, 233 or 235) or Geology (GLGY 202) or Physics (PHYS 223)

Non-science option