PREVIEW DAYS
FOR FUTURE SCIENCE STUDENTS

DALHOUSIE UNIVERSITY
DAL.CA/FUTURESTUDENTS
FACULTY OF SCIENCE

PROGRAMS 18
STUDENTS 4,000 +
FACULTY 200
OUR PROGRAMS

▷ ACTUARIAL SCIENCE
▷ BIOCHEMISTRY & MOLECULAR BIOLOGY
▷ BIOLOGY
▷ CHEMISTRY
▷ EARTH SCIENCES
▷ ECONOMICS
▷ ENVIRONMENTAL SCIENCE
▷ MARINE BIOLOGY
▷ MATHEMATICS
▷ METEOROLOGY (DIPLOMA)
▷ MICROBIOLOGY & IMMUNOLOGY
▷ NEUROSCIENCE
▷ OCEAN SCIENCES
▷ PHYSICS & ATMOSPHERIC SCIENCE
▷ PSYCHOLOGY
▷ STATISTICS
▷ INTEGRATED SCIENCE
▷ MEDICAL SCIENCES

DAL.CA/FUTURESTUDENTS
WHAT IS A UNIVERSITY EDUCATION IN SCIENCE?

&

HOW WILL I USE IT?
OUR MISSION

TO PROVIDE ALL OF OUR STUDENTS WITH THE IDEAL SCIENTIFIC TRAINING TO ACHIEVE THEIR AMBITION
What are you interested in?

- **The Planet**
  I like learning about the physical structures that make up our planet

- **Information & Data**
  I enjoy numbers and unlocking patterns in data sets

- **Health & Society**
  I want to help people or animals as a health professional

- **Technology & Innovation**
  I want to break new ground through advances in technology

- **Life on Earth**
  I'm interested in living organisms, from tiny bacteria to complex life
WHAT IS A DEGREE IN SCIENCE FOR?

- Discovery
- Solutions
- Society
- Communication
- Education
Reducing emissions with longer lasting batteries
Developing novel treatments for cancer control
Discovering deep-sea trenches
Uncovering a new branch on the Tree of Life
Using mathematics to decipher musical chords
Creating new knowledge as a research scientist
SOLUTIONS

Growing your scientific ideas into a tech start up

Developing new drug treatments

Tracking retreating ice flows using GIS mapping

Assessing land sites before development

Predicting financial risk as an actuary

Putting my science degree to work
EDUCATION
Teaching the next generation of scientists

Using innovative technologies to share knowledge across communities
Improving health outcomes through health education
Teaching students about the creation of the universe
Exploring the world around us through field study and experimentation
Encouraging enthusiasm for math with children
COMMUNICATION

Sharing science with the public

- Using digital media to share scientific breakthroughs
- Improving health literacy through knowledge translation
- Planning and alerting the public to weather emergencies
- Advocating for policies and legislation that protect the environment
- Using data visualization to show the impacts of climate change
Developing affordable diagnostic tools to detect toxicity in water supplies

Creating healthier communities as a healthcare provider

Creating and implementing responsible mining practices

Influencing policy and decision-making through environmental or marine law

Developing data-driven solutions to society’s biggest issues

SOCiETY

Creating change in my community, my country, and the world
MAKE IT YOUR OWN

ACADEMIC EXPERIENCE

CO-CURRICULAR EXPERIENCE
ACADEMICS

✓ Courses
✓ Electives
✓ Minors
✓ Certificates
✓ Programs
✓ Co-operative Education
CO-CURRICULARS & STUDENT COMMUNITY

✓ First Year Interest Groups
✓ Undergraduate Research
✓ Volunteering
✓ Dalhousie Science Society
✓ D-Level Societies
MEET THE PEOPLE WHO MAKE SCIENCE HAPPEN

Thursdays | 4:00 PM | CKDU 88.1 FM

dal.ca/sciographies