The Natural Sciences Program is an innovative, multidisciplinary program where students concentrate on two specialties within the Faculty of Science.

**Key Skills & Knowledge**

**Understand scientific method of inquiry:** technical knowledge in two disciplines

**Scientific Inquiry:** technical knowledge in science two disciplines, hypothesize, design and carry out experiments; operate scientific/ laboratory equipment and instruments, understand laboratory processes

**Communication:** Presenting and communicating technical and scientific data and ideas clearly and articulately to both the scientific and non-scientific communities using current technology through presentations and written reports

**Investigative and Research:** Collection, analysis and interpretation of data using the appropriate laboratory and/or field techniques; organizing and analysis of large quantities of data

**Logical reasoning:** Creative thinking, problem-solving skills; decision-making skills, synthesize complex information

**Organization:** Data, time and resource management, attention to detail, able to meet deadlines.

**Sample Job Titles**

- Astronomer
- Biochemist
- Biologist
- Chemist
- Clinical research specialist
- Database Administrator
- Food and drug analyst
- Information Scientist
- Laboratory technician
- Librarian
- Medical Sales Representative
- Meteorologist
- Patent Examiner
- Perfumer
- Physicist
- Researcher
- Scientific Journalist
- Teacher/Professor
- Technical Author/Illustrator
- Technical writer

Some of these roles may require further training, certification or education. Check out the Alberta Government’s occupational profiles for salary info and more detail: [alis.alberta.ca/occinfo](alis.alberta.ca/occinfo)

**Need help deciding what to do?**

Formal Career Assessments like the Strong Interest Inventory and the Myers Briggs Type Indicator can be helpful tools for your career development. Request an assessment via [CareerLink](#)
**Potential Industries**

Agriculture  
Aquaculture  
Bioethics  
Biomechanics  
Biotechnology  
Blood bank technology  
Business and industry  
Charitable Organizations  
Conservation  
Cytotechnology  
Education  
Energy  
Environment & Pollution Control  
Food & Beverage Manufacturers  
Forensic science  
Forestry & Wildlife  
Government Laboratories  
Law & Drug Enforcement  
Mathematics  
Medicine and Health Care  
Museums  
Newspapers  
Oil & Gas Compliance  
Pharmaceutical companies  
Post-Secondary  
Public Policy  
Publishing companies  
Research & Development  
Science museums, zoos, aquariums, parks  
Science writing and com-

**Associations & Professional Development**

Associations provide an opportunity for continued professional development. Many also offer networking opportunities and other events for their members.

- Alberta Women's Science Network (AWSN) and Mentorship Program: [www.awsn.com/](http://www.awsn.com/)
- Alberta Society of Professional Biologists (ASPB): [www.aspb.ab.ca/](http://www.aspb.ab.ca/)
- Association of Science and Engineering Technology Professionals of Alberta (ASET): [www.aset.ab.ca/](http://www.aset.ab.ca/)
- BioTalent Canada: [biotalent.ca](http://biotalent.ca)
- BIOTECanada: [biotech.ca](http://biotech.ca)
- Canadian Association of Pathologists: [www.cap-acs.org/](http://www.cap-acs.org/)
- Canadian Association of Science Centres: [canadiansciencecentres.ca](http://canadiansciencecentres.ca)
- Canadian Bioethics: [bioethics.ca](http://bioethics.ca)
- Canadian Medical Association: [www.cma.ca/](http://www.cma.ca/)
- Canadian Society for Medical Laboratory Science: [csmls.org](http://csmls.org)
- Emerging Health Leaders (EHL): [emerginghealthleaders.ca/calgary](https://emerginghealthleaders.ca/calgary)
- SIMS (Students Interested in Medical Science): [people.ucalgary.ca/~simsclub/](http://people.ucalgary.ca/~simsclub/)
- Society for Conservation Biology: [conbio.org/](http://conbio.org/)
- Women in Science and Engineering (WISE): [uofcwise.com](http://uofcwise.com)

**Additional Resources**

Complete Guide to Environmental Careers by John R. Cook, Kevin Doyle and Bill Sharp  
Opportunities in Biological Sciences Careers by Kathleen Belikoff  
Opportunities in Health and Medical Careers by D’Orazio, Leo paul & Snook Jr., I. Donald  

**Career Services**

YOUR FUTURE STARTS HERE

- Career Planning  
- Job Search Support  
- Resume Reviews  
- Career Workshops  
- Online Job Postings  
- Career Fairs  
- Networking Events  
- Information Sessions & much more!

**Connect with us:**

MacEwan Student Centre, Room 188  
T: 403.220.8020  
E: csstdnt@ucalgary.ca  
CareerLink: [ucalgary.ca/careers](http://ucalgary.ca/careers)

Facebook: ucalgary.ca/careers  
@HireUCalgary

**Job Boards**

Indeed: [https://ca.indeed.com/](https://ca.indeed.com/)  
Eco Canada: [http://www.eco.ca/](http://www.eco.ca/)  
Science Jobs: [https://www.sciencejobs.org/](https://www.sciencejobs.org/)  
LinkedIn: [www.linkedin.com](http://www.linkedin.com)  
CareerLink: [careerlink.ucalgary.ca](http://careerlink.ucalgary.ca)

**Faculty Contact**

Energy Environment Experiential Learning 445  
T: 403.220.8600  
E: usc@ucalgary.ca  
W: ucalgary.ca/natsci/  
W: ucalgary.ca/admissions/programs

**Student Clubs**

Natural Sciences Students’ Association  
[www.facebook.com/nssauc](http://www.facebook.com/nssauc)

**Aligned Majors:**  
Biology, Biochemistry, Chemistry, Ecology, Geology, Physics