What to do with a degree in

BIOMEDICAL SCIENCES

Biomedical Sciences immerses you in scientific research from day one. Working in both individual and group settings, you will be introduced to biomedical research in your coursework and have numerous opportunities to actively engage in biomedical research with world-class researchers at the Faculty of Medicine through summer research studentships, your capstone honours thesis project and other research placement opportunities.

Key Skills & Knowledge

Problem-solving - Defining and solving problems; Approaching topics and problems from various perspectives; Analyzing multiple dimensions of a problem; Decision making skills; Advanced quantitative abilities; Trouble shooting

Technology - Knowledge of the practical application of science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.

Analytical and critical thinking - Synthesize complex information; logical reasoning; critical thinking; in-depth knowledge of biological theory; understanding of scientific method of inquiry.

Technical - Aptitude for computer languages and programming; Operate scientific/ laboratory equipment and instruments; understand laboratory process.

Verbal and written communication - Ability to summarize, condense and organize ideas and information; Ability to articulate, explain, and teach technical information to others

Sample Job Titles

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

Biological Scientist
Biological Technician
Biomedical Engineer
Biotechnician
Child Health Specialist
Community Health Educator
Cytologist
Dietician
Drug Developer
Endocrinologist
Engineering Technician
Entrepreneur
Food Scientist
Geneticist
Gerontologist
Immunologist
Journalist
Laboratory Technician
Life, Physical, and Social Science Technician
Media Correspondent
Medical Equipment Repairer
Medical Technology Developer
Medical Writer
Microbiologist
Molecular Biologist
Natural Sciences Manager
Naturopath
Non-Profit Organization Worker

Ophthalmic Medical Technologist
Optometrist
Parasitologist
Pharmaceutical Sales Representative
Physician
Professor
Public Policy Advisor
Researcher
Toxicologist
Veterinarian
Zoologist

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 Fields

Biotechnology Company Research and Development Laboratories
Educational and Medical Institutions
Federal, Provincial and Local Government Departments and Agencies
Government Regulatory Agencies
Health and Educational Schools
Health Services
Hospitals

Manufacturing Companies
Medical and Veterinary Research Organizations
Medical Equipment and Pharmaceutical Manufacturers
Medical Institutions
Research Facilities of Companies
Universities and Colleges
University Research Laboratories

Associations & Professional Development

- Alberta Medical Association
- Alberta Society of Professional Biologists
- American Institute of Biological Sciences
- Association of Clinical Scientists
- Association of Science and Engineering Technology Professionals of Alberta
- Biomedical Engineering Society
- Canadian Medical and Biological Engineering Society
- European Association for Professions in Biomedical Science
- Institute of Biological Engineering Institute of Biomedical Science
- International Federation of Biomedical Laboratory Science
- National Association for Biomedical Research

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: csstdent@ucalgary.ca
CareerLink: ucalgary.ca/careers
Facebook: ucalgarycareers
Twitter: @HireUCalgary

Student Clubs

- Health Sciences Students’ Association: https://cumming.ucalgary.ca/bhsc/contact-us/student-faculty-liaison-committee
- Biomedical Engineering Students’ Society: https://www.bmessucalgary.com/
- Biology Students’ Association: http://www.bsauucalgary.ca/

Books & Publications

- Career Opportunities in Biotechnology and Drug Development
- Planning a Career in Biomedical and Life Sciences: Making Informed Choices
- Career Options for Biomedical Scientists

Faculty Contact

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W: cumming.ucalgary.ca/bhsc/
W: ucalgary.ca/admissions/programs

Aligned Majors:

- Biochemistry
- Cellular, Molecular and Microbial Biology
- Computer Science
- Neuroscience

Alberta Health Services: www.albertahealthservices.ca
Biomedical Science Careers Program: bscp.org
Canadian Association for Clinical Microbiology and Infectious Diseases: cacmid.ca
Pharamajob: pharmaceutical.ca
Science Careers: jobs.sciencecareers.org
Indeed: www.indeed.ca
LinkedIn: www.linkedin.com
CareerLink: careerlink.ucalgary.ca