

**Universidad de Alberta**

**1. Agricultural Food & Nutritional Science**

* Animal Science
* Plant Science
* Food Science & Technology
* Nutrition and Metabolism
* Bioresource and Food Engineering
* Rangeland and Wildlife Resources

**2. Biochemistry**

**3. Biological Sciences**

* Ecology and Evolution
* Entomology
* Genomics
* Immunology and Infection
* Marine Biology
* Microbiology
* Molecular and Cellular Genetics
* Paleontology
* Physiology and Development
* Plant Biology
* Study Organism

**4. Biomedical Engineering**

* Nanostructured Biomaterials

**5. Chemical and Materials Engineering**

* Biochemical Engineering
* Biomedical Engineering & Regenerative Medicine
* Corrosion & Wear
* Fluid Dynamics
* Materials Characterization & Processing
* Mathematical & Molecular Modeling
* Nanomaterials & Nanofabrication
* Oil Sands & Energy
* Process Control
* Reaction & Catalysis
* Surface Science & Engineering
* Thermodynamics
* Welding & Metallurgy

**6. Chemistry**

**7. Civil and Environmental Engineering**

* Biomechanics
* Construction
* Environmental Engineering & Science
* Geotechnical & Geoenvironmental
* Materials
* Mining
* Petroleum
* Structural
* Transportation (related mostly to the design and planning of transport systems)
* Water Resources

**8. Computing Science**

* Algorithmics
* Artificial Intelligence
* Bioinformatics
* Communication Networks
* Computer Games
* Computer Graphics
* Computer Vision & Multimedia Communications
* Database Systems
* Human-Computer Interaction
* Machine Learning
* Reinforcement Learning
* Robotics
* Software Engineering
* Software Systems

**9. Electrical & Computer Engineering**

* Biomedical Engineering
* Computer Engineering
* Control Systems
* Electromagnetics and Microwaves
* Energy Systems
* Integrated Circuits and Systems
* Microsystems and Nanodevices
* Photonics and Plasmas
* Signal and Image Processing
* Software Engineering and Intelligent Systems
* Solid State Electronics

**10. Mathematical and Statistical Sciences**

**11. Mechanical Engineering**

* Biomechanics & Biomedical
* Design & Manufacturing
* Energy and Environment
* Engineering Management
* Fluid Mechanics
* Mechanical Systems
* Mechanics and Materials
* Reliability, Safety & Standards

**12. Physics**

* Astronomy and Astrophysics
* Biophysics
* Computational Physics
* Condensed Matter Physics
* Cosmology and Gravity Physics
* Geophysics
* Particle Physics
* Plasma Physics
* Space Physics

**13. Renewable Resources**

* Wildlife Ecology & Management
* Conservation Biology
* Soil Science
* Forest Biology and Management
* Water and Land Resources

**14. Resource Economics and Environmental Sociology**

* Agricultural and Resource Economics
* Rural & Environmental Sociology
* Forest Economics



**Dalhousie University**

* Doctor of Philosophy, Agricultural Sciences
* Doctor of Philosophy, Biochemistry & Molecular Biology
* Doctor of Philosophy, Biological Engineering
* Doctor of Philosophy, Biology
* Doctor of Philosophy, Biomedical Engineering
* Doctor of Philosophy, Chemical Engineering
* Doctor of Philosophy, Chemistry
* Doctor of Philosophy, Civil Engineering
* Doctor of Philosophy, Computer Science
* Doctor of Philosophy, Earth Sciences
* Doctor of Philosophy, Electrical Engineering
* Doctor of Philosophy, Engineering Mathematics
* Doctor of Philosophy, Food Science
* Doctor of Philosophy, Industrial Engineering
* Doctor of Philosophy, Materials Engineering
* Doctor of Philosophy, Mathematics
* Doctor of Philosophy, Mechanical Engineering
* Doctor of Philosophy, Microbiology & Immunology
* Doctor of Philosophy, Mineral Resource Engineering
* Doctor of Philosophy, Oceanography
* Doctor of Philosophy, Physics
* Doctor of Philosophy, Statistics



* Doctorat en agroéconomie
* Doctorat en aménagement du territoire et développement regional
* Doctorat en biochimie
* Doctorat en biologie
* Doctorat en biologie cellulaire et moléculaire
* Doctorat en biologie végétale
* Doctorat en biophotonique
* Doctorat en biostatistique
* Doctorat en chimie
* Doctorat en génie chimique
* Doctorat en génie civil
* Doctorat en génie des eaux
* Doctorat en génie des matériaux et de la métallurgie
* Doctorat en génie des mines
* Doctorat en génie du bois et des matériaux biosourcés
* Doctorat en génie électrique
* Doctorat en génie mécanique
* Doctorat en informatique
* Doctorat en mathématiques
* Doctorat en microbiologie
* Doctorat en physique
* Doctorat en sciences animales
* Doctorat en sciences des aliments
* Doctorat en sciences des aliments - microbiologie alimentaire
* Doctorat en sols et environnement
* Doctorat en statistique
* Doctorat interuniversitaire en océanographie
* Doctorat interuniversitaire en sciences de la Terre



* Biochemistry and Biomedical Sciences Biology
* Biomedical Engineering
* Chemical Biology
* Chemical Engineering
* Chemistry
* Civil Engineering
* Computational Science and Engineering Computing and Software
* Earth and Environmental Sciences
* Electrical and Computer Engineering Engineering Physics
* Mathematics
* Materials Science
* Materials Science and Engineering
* Mechanical Engineering
* Physics/Radiation Biology)
* Software Engineering
* Statistics

**Universidad de Saskatchewan**

1. Agricultural Economics
2. Animal and Poultry Science
3. Applied Microbiology
4. Biochemistry, Microbiology
5. Biological Engineering
6. Biology
7. Biomedical Engineering
8. Biostatistics
9. Chemical Engineering
10. Chemistry
11. Civil Engineering
12. Computer Science
13. Electrical Engineering
14. Environment and Sustainability
15. Food Science
16. Geological Sciences
17. Large Animal Clinical Sciences
18. Mathematics
19. Mechanical Engineering
20. Physics and Engineering Physics
21. Plant Sciences
22. Small animal Clinical Sciences
23. Soil Science
24. Veterinary Biomedical Sciences
25. Veterinary Microbiology
26. Veterinary Pathology



**Universidad de Toronto**

1. Aerospace Science and Engineering (PhD)

2. Astronomy and Astrophysics

4. Biochemistry (PhD)

5. Biomaterials and Biomedical Engineering (PhD);

6. Cell and Systems Biology (PhD);

7. Chemistry (PhD);

8. Chemical Engineering and Applied Chemistry (PhD)

9. Civil Engineering (PhD);

10. Computer Science (PhD)

11. Ecology and Evolutionary Biology (PhD);

12. Electrical and Computer Engineering (PhD)

13. Environmental Science (PhD);

14. Mathematics (PhD)

15. Mechanical and Industrial Engineering (PhD);

16. Physics (PhD)

17. Statistics (PhD)



**Universidad de Waterloo**

* Actuarial Science – PhD
* Applied Mathematics – PhD
* Applied Mathematics - PhD (Quantum Information)
* Applied Mathematics - PhD (Water)
* Biology – PhD
* Biology - PhD (Water)
* Chemical Engineering – PhD
* Chemical Engineering - PhD (Nanotechnology)
* Chemical Engineering - PhD (Water)
* Chemistry – PhD
* Chemistry - PhD (Co-op)
* Chemistry - PhD (Nanotechnology)
* Chemistry - PhD (Quantum Information)
* Civil Engineering – PhD
* Civil Engineering - PhD (Water)
* Combinatorics and Optimization – PhD
* Combinatorics and Optimization - PhD (Quantum Information)
* Computer Science – PhD
* Computer Science - PhD (Quantum Information)
* Earth Sciences – PhD
* Earth Sciences - PhD (Water)
* Electrical and Computer Engineering – PhD
* Electrical and Computer Engineering - PhD (Nanotechnology)
* Electrical and Computer Engineering - PhD (Quantum Information)
* Mechanical and Mechatronics Engineering – PhD
* Mechanical and Mechatronics Engineering - PhD (Nanotechnology)
* Physics – PhD
* Physics - PhD (Nanotechnology)
* Physics - PhD (Quantum Information)
* Pure Mathematics – PhD
* Pure Mathematics - PhD (Quantum Information)
* Statistics – PhD
* Statistics - PhD (Biostatistics)
* Systems Design Engineering – PhD
* Systems Design Engineering - PhD (Nanotechnology)



**Western University**

1. Anatomy and Cell Biology
2. Applied Mathematics
3. Biochemistry
4. Biology
5. Biomedical Engineering
6. Chemical and Biochemical Engineering
7. Chemistry
8. Civil and Environmental Engineering
9. Computer Science
10. Electrical and Computer Engineering
11. Epidemiology and Biostatistics
12. Geology
13. Geophysics
14. Mathematics
15. Mechanical and Materials Engineering
16. Medical Biophysics
17. Microbiology and Immunology
18. Physics
19. Statistics