

**Universidad de Ottawa**

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| **University of Ottawa - Master's and PhD programs** | **Program Link** |
| Faculty of Engineering | [Master of Applied Science Advanced Materials and Manufacturing < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-advanced-materials-manufacturing/) |
| [Master of Applied Science Biomedical Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-biomedical-engineering/) |
| [Master of Applied Science Biomedical Engineering and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-biomedical-engineering-specialization-bioinformatics/) |
| [Master of Applied Science Chemical Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-chemical-engineering/) |
| [Master of Applied Science Chemical Engineering and Specialization Science, Society and Policy < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-chemical-engineering-specialization-science-society-policy/) |
| [Master of Applied Science Civil Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-civil-engineering/) |
| [Master of Applied Science Civil Engineering and Concentration Sustainable and Resilient Infrastructure < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-civil-engineering-concentration-sustainable-resilient-infrastructure/) |
| [Master of Applied Science Civil Engineering and Specialization Science, Society and Policy < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-civil-engineering-specialization-science-society-policy/) |
| [Master of Applied Science Electrical and Computer Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-electrical-computer-engineering/) |
| [Master of Applied Science Electrical and Computer Engineering and Concentration Applied Artificial Intelligence < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-electrical-computer-engineering-concentration-applied-artificial-intelligence/) |
| [Master of Applied Science Electrical and Computer Engineering and Specialization Science, Society and Policy < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-electrical-computer-engineering-specialization-science-society-policy/) |
| [Master of Applied Science Environmental Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-environmental-engineering/) |
| [Master of Applied Science Mechanical Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-mechanical-engineering/) |
| [Master of Computer Science < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-computer-science/) |
| [Master of Computer Science and Concentration Applied Artificial Intelligence < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-computer-science-specialization-artificialintelligence/) |
| [Master of Computer Science and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-computer-science-specialization-bioinformatics/) |
| [Master of Digital Transformation and Innovation < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-digital-transformation-innovation/) |
| [Master of Digital Transformation and Innovation (Online) < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-digital-transformation-innovation-online/) |
| [Master of Digital Transformation and Innovation and Concentration Applied Data Science < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-digital-transformation-innovation-concentration-applied-data-science/) |
| [Master of Digital Transformation and Innovation Concentration UX Design < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-digital-transformation-innovation-concentration-ux-deisgn/) |
| [Master of Engineering Advanced Materials and Manufacturing < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-engineering-advanced-materials-manufacturing/) |
| [Master of Engineering Biomedical Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-engineering-biomedical/) |
| [Master of Engineering Biomedical Engineering and Concentration Clinical Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-engineering-biomedical-engineering-concentration-clinical-engineering/) |
| [Master of Engineering Electrical and Computer Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-engineering-electrical-computer-engineering/) |
| [Master of Engineering Electrical and Computer Engineering and Concentration Applied Artificial Intelligence < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-engineering-electrical-computer-engineering-concentration-applied-artificial-intelligence/) |
| [Master of Engineering Environmental Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-engineering-environmental-engineering/) |
| [Master of Engineering in Entrepreneurial Engineering Design < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-engineering-entrepreneurial-engineering-design/) |
| [Master of Engineering Mechanical Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-engineering-mechanical-engineering/) |
| [Master of Interdisciplinary Applied Artificial Intelligence (Online) < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-interdisciplinary-applied-artificial-intelligence-online/) |
| [Master of Science Digital Transformation and Innovation < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-digital-transformation-innovation/) |
| [Master of Science Systems Science and Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-systems-science-engineering/) |
| [Master of Systems Science and Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-systems-science-engineering/) |
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|   | [Master of Arts Human Kinetics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-arts-human-kinetics/) |
| [Master of Arts Human Kinetics and Specialization Feminist and Gender Studies < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-arts-human-kinetics-specialization-feminist-gender-studies/) |
| [Master of Health Sciences Audiology < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-health-sciences-audiology/) |
| [Master of Health Sciences Occupational Therapy < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-health-sciences-occupational-therapy/) |
| [Master of Health Sciences Physiotherapy < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-health-sciences-physiotherapy/) |
| [Master of Health Sciences Speech-Language Pathology < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-health-sciences-speechlanguage-pathology/) |
| [Master of Human Kinetics and Concentration Sport Management < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-human-kinetics-concentration-sport-management/) |
| [Master of Science Human Kinetics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-human-kinetics/) |
| [Master of Science Interdisciplinary Health Sciences < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-interdisciplinary-health-sciences/) |
| [Master of Science Nursing < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-nursing/) |
| [Master of Science Nursing - Distance Option < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-nursing-virtual/) |
| [Master of Science Nursing and Specialization Feminist and Gender Studies < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-nursing-specialization-feminist-gender-studies/) |
| [Master of Science Nutrition and Food Biosciences < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-nutrition-food-biosciences/) |
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| Faculty of Medecine | [Honours Bachelor of Science in Translational and Molecular Medicine and Master of Science < uOttawa](https://catalogue.uottawa.ca/en/undergrad/honours-bachelor-science-translational-molecular-medicine-master-science-biochemistry/) |
| [Master of Applied Science Anatomical Sciences Education < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-applied-science-anatomical-sciences-education/) |
| [Master of Science Biochemistry < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-biochemistry/) |
| [Master of Science Biochemistry and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-biochemistry-specialization-bioinformatics/) |
| [Master of Science Biochemistry and Specialization Human and Molecular Genetics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-biochemistry-specialization-human-molecular-genetics/) |
| [Master of Science Cellular and Molecular Medicine < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-cellular-molecular-medicine/) |
| [Master of Science Cellular and Molecular Medicine and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-cellular-molecular-medicine-specialization-bioinformatics/) |
| [Master of Science Cellular and Molecular Medicine and Specialization Human and Molecular Genetics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-cellular-molecular-medicine-specialization-human-molecular-genetics/) |
| [Master of Science Microbiology and Immunology < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-microbiology-immunology/) |
| [Master of Science Microbiology and Immunology and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-microbiology-immunology-specialization-bioinformatics/) |
| [Master of Science Neuroscience < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-neuroscience/) |
| [Master of Science Neuroscience and Specialization Human and Molecular Genetics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-neuroscience-specialization-human-molecular-genetics/) |
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| Faculty of Science | [Master of Science Biology < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-biology/) |
| [Master of Science Biology and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-biology-specialization-bioinformatics/) |
| [Master of Science Biology and Specialization Chemical and Environmental Toxicology < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-biology-specialization-chemical-environmental-toxicology/) |
| [Master of Science Biology and Specialization Science, Society and Policy < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-biology-specialization-science-society-policy/) |
| [Master of Science Chemistry < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-chemistry/) |
| [Master of Science Chemistry and Specialization Chemical and Environmental Toxicology < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-chemistry-specialization-chemical-environmental-toxicology/) |
| [Master of Science Chemistry and Specialization Science, Society and Policy < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-chemistry-specialization-science-society-policy/) |
| [Master of Science Chemistry Concentration in Biomolecular Science < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-chemistry-concentration-biomolecular-science/) |
| [Master of Science Earth Sciences < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-earth-sciences/) |
| [Master of Science Earth Sciences and Specialization Chemical and Environmental Toxicology < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-earth-sciences-specialization-chemical-environmental-toxicology/) |
| [Master of Science Earth Sciences and Specialization Science, Society and Policy < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-earth-sciences-specialization-science-society-policy/) |
| [Master of Science Mathematics and Statistics and Concentration Mathematics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-mathematics-statistics-concentration-mathematics/) |
| [Master of Science Mathematics and Statistics and Concentration Statistics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-mathematics-statistics-concentration-statistics/) |
| [Master of Science Mathematics and Statistics and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-mathematics-statistics-specialization-bioinformatics/) |
| [Master of Science Mathematics and Statistics and Specialization Biostatistics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-mathematics-statistics-specialization-biostatistics/) |
| [Master of Science Physics < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-physics/) |
| [Master of Science Physics and Concentration Quantum Science < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-physics-concentration-quantum-science/) |
| [Master of Science Physics and Specialization Science, Society and Policy < uOttawa](https://catalogue.uottawa.ca/en/graduate/master-science-physics-specialization-science-society-policy/) |
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| Faculty of Engineering | [Doctorate in Philosophy Advanced Materials and Manufacturing < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-advanced-materials-manufacturing/) |
| [Doctorate in Philosophy Biomedical Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-biomedical-engineering/) |
| [Doctorate in Philosophy Biomedical Engineering and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-biomedical-engineering-specialization-bioinformatics/) |
| [Doctorate in Philosophy Chemical Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-chemical-engineering/) |
| [Doctorate in Philosophy Civil Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-civil-engineering/) |
| [Doctorate in Philosophy Computer Science < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-computer-science/) |
| [Doctorate in Philosophy Digital Transformation and Innovation < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-digital-transformation-innovation/) |
| [Doctorate in Philosophy Electrical and Computer Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-electrical-computer-engineering/) |
| [Doctorate in Philosophy Environmental Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-environmental-engineering/) |
| [Doctorate in Philosophy Mechanical Engineering < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-mechanical-engineering/) |
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| Faculty of Science | [Doctorate in Philosophy Biology < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-biology/) |
| [Doctorate in Philosophy Biology and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-biology-specialization-bioinformatics/) |
| [Doctorate in Philosophy Biology and Specialization Chemical and Environmental Toxicology < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-biology-specialization-chemical-environmental-toxicology/) |
| [Doctorate in Philosophy Chemistry < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-chemistry/) |
| [Doctorate in Philosophy Chemistry and Specialization Chemical and Environmental Toxicology < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-chemistry-specialization-chemical-environmental-toxicology/) |
| [Doctorate in Philosophy Earth Sciences < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-earth-sciences/) |
| [Doctorate in Philosophy Earth Sciences and Specialization Chemical and Environmental Toxicology < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-earth-sciences-specialization-chemical-environmental-toxicology/) |
| [Doctorate in Philosophy Mathematics and Statistics < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-mathematics-statistics/) |
| [Doctorate in Philosophy Mathematics and Statistics and Specialization Bioinformatics < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-mathematics-statistics-specialization-bioinformatics/) |
| [Doctorate in Philosophy Physics < uOttawa](https://catalogue.uottawa.ca/en/graduate/doctorate-philosophy-physics/) |
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**Universidad de Alberta**

[**Agricultural Food & Nutritional Science**](https://www.ualberta.ca/agricultural-food-nutritional-science/research/index.html) **(MSc & PhD)**

* Animal Science
* Food Science & Bioresource Technology
* Human Nutrition
* Plant Biosystems

[**Biochemistry**](https://www.ualberta.ca/biochemistry/research/focus.html) **(MSc & PhD)**

[**Biological Sciences**](https://www.ualberta.ca/biological-sciences/research/index.html) **(MSc & PhD)**

* Ecology and Evolution
* Entomology
* Genomics
* Immunology and Infection
* Marine Biology
* Microbiology
* Molecular and Cellular Genetics
* Paleontology
* Physiology and Development
* Plant Biology
* [**Biomedical Engineering**](https://www.ualberta.ca/biomedical-engineering/research/index.html) **(MSc & PhD)**

[**Chemical and Materials Engineering**](https://www.ualberta.ca/engineering/chemical-materials-engineering/research/index.html) **(MSc & PhD) – no conditional admission**

* Biochemical & Biomedical Engineering
* Energy
* Metallurgy & Welding
* Nanomaterials & Nanofabrication
* Polymers
* Process Control & Systems Engineering
* Surface & Interfacial Science
* Thermodynamics

[**Chemistry**](https://www.ualberta.ca/chemistry/research/index.html) **(MSc & PhD)**

* Analytical
* Chemical Biology
* Chemical Physics
* Green Chemistry
* Inorganic Chemistry
* Materials and Surfaces
* Nanotechnology
* Organic Chemistry
* Physical Chemistry
* Theoretical and Computational Chemistry

[**Civil and Environmental Engineering**](https://www.ualberta.ca/engineering/civil-environmental-engineering/research/index.html) **(MSc & PhD)**

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

[**Computing Science**](https://www.ualberta.ca/en/computing-science/undergraduate-studies/programs-and-admissions/index.html) **(MSc & PhD)**

* Human-Computer Interaction
* Artificial Intelligence
* Bioinformatics
* Communication Networks
* Computer Graphics
* Database Systems
* Machine Learning
* Privacy and Security
* Robotics
* Software Engineering
* Software Systems

[**Earth & Atmospheric Sciences**](https://www.ualberta.ca/earth-sciences/research/index.html) (MSc & PhD)

* Atmospheric Sciences & Oceanography
* Environmental Earth Sciences
* Human Geography
* Paleontology
* Urban and Regional Planning
* Solid Earth Sciences

[**Electrical & Computer Engineering**](https://www.ualberta.ca/engineering/electrical-computer-engineering/research/index.html) **(MSc & PhD)**

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

[**Mathematical and Statistical Sciences**](https://www.ualberta.ca/mathematical-and-statistical-sciences/research/research-areas.html) **(MSc & PhD)**

* Analysis
* Applied Mathematics
* Computational Mathematics and Optimization
* Differential Equations, Dynamical Systems, Fluid Mechanics, and Mathematical Biology
* Geometry, Topology, and Mathematical Physics
* Statistics, Probability, and Mathematical Finance
* Statistical Machine Learning

[**Mechanical Engineering**](https://www.ualberta.ca/engineering/mechanical-engineering/research/index.html) **(MSc & PhD)**

* Biomechanics
* Design & Manufacturing
* Energy and Environment
* Fluid Mechanics
* Mechanical Systems
* Mechanics and Materials

[**Pharmacy & Pharmaceutical Sciences**](https://www.ualberta.ca/en/pharmacy/programs/graduate/index.html) **(MSc & PhD)**

* Pharmacogenomics
* Pharmacology & Toxicology

[**Physics**](https://www.ualberta.ca/physics/research/index.html) **(MSc & PhD)**

[**Renewable Resources**](https://www.ualberta.ca/renewable-resources/research/index.html) **(MSc & PhD)**

* Agriculture and the Environment
* Conservation Biology
* Environmental Soil Science
* Forest Ecology and Management
* Reclamation and Restoration of Land and Water



* Biomedical Engineering (M.A.Sc.)
* Biology (M.Sc.)
* Chemistry (M.Sc.)
* Chemical Biology (M.Sc.)
* Chemical Engineering (M.A.Sc.)
* Civil Engineering (M.A.Sc.)
* Computational Science & Engineering (M.Sc., M.A.Sc.)
* Computer and Software (M.Sc., M.A.Sc.)
* Earth & Environmental Sciences (M.Sc.)
* Electrical and Computer Engineering (M.A.Sc.)
* Engineering Physics (M.A.Sc.)
* Materials Engineering (M.A.Sc.)
* Materials Science (M.Sc.)
* Mathematics (M.Sc.)
* Mechanical Engineering (M.A.Sc.)
* Software Engineering (M.Sc.)
* Statistics (M.Sc.)

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**Doctoral – PhD Programs 2025**

**A**

* ​[Applied Mathematics - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/applied-mathematics-doctor-philosophy-phd)
* [Applied Mathematics (Aeronautics) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/applied-mathematics-aeronautics-doctor-philosophy-phd)
* [Applied Mathematics (Quantum Information) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/applied-mathematics-quantum-information-doctor-philosophy)
* [Applied Mathematics (Water) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/applied-mathematics-water-doctor-philosophy-phd)

**B**

* [Biology - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/biology-doctor-philosophy-phd)
* [Biology (Water) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/biology-water-doctor-philosophy-phd)
* [Biomedical Engineering - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/biomedical-engineering-doctor-philosophy-phd)

**C**

* [Chemical Engineering - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/chemical-engineering-doctor-philosophy-phd)
* [Chemical Engineering (Nanotechnology) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/chemical-engineering-nanotechnology-doctor-philosophy-phd)
* [Chemical Engineering (Water) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/chemical-engineering-water-doctor-philosophy-phd)
* [Chemistry - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/chemistry-doctor-philosophy-phd)
* [Chemistry (Co-op) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/chemistry-co-op-doctor-philosophy-phd)
* [Chemistry (Nanotechnology) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/chemistry-nanotechnology-doctor-philosophy-phd)
* [Chemistry (Quantum Information) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/chemistry-quantum-information-doctor-philosophy-phd)
* [Civil Engineering - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/civil-engineering-doctor-philosophy-phd)
* [Civil Engineering (Water) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/civil-engineering-water-doctor-philosophy-phd)
* [Combinatorics and Optimization - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/combinatorics-and-optimization-doctor-philosophy-phd)
* [Combinatorics and Optimization (Quantum Information) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/combinatorics-and-optimization-quantum-information-doctor)
* [Computer Science - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/computer-science-doctor-philosophy-phd)
* [Computer Science (Quantum Information) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/computer-science-quantum-information-doctor-philosophy-phd)

**D**

**E**

* [Earth Sciences - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/earth-sciences-doctor-philosophy-phd)
* [Earth Sciences (Water) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/earth-sciences-water-doctor-philosophy-phd)
* [Electrical and Computer Engineering - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/electrical-and-computer-engineering-doctor-philosophy-phd)
* [Electrical and Computer Engineering (Aeronautics) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/electrical-and-computer-engineering-aeronautics-doctor) \*
* [​Electrical and Computer Engineering (Nanotechnology) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/electrical-and-computer-engineering-nanotechnology-doctor)
* [Electrical and Computer Engineering (Quantum Information) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/electrical-and-computer-engineering-quantum-information-phd)

**F**

**G**

* [Geography - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/environment/geography-doctor-philosophy-phd)
* [Geography (Water) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/environment/geography-water-doctor-philosophy-phd)

**H**

* [Kinesiology and Health Sciences (Aging, Health and Well-Being) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/health/kinesiology-and-health-sciences-aging-health-and-well-being)

**M**

* [Mechanical and Mechatronics Engineering - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/mechanical-and-mechatronics-engineering-doctor-philosophy)
* [Mechanical and Mechatronics Engineering (Nanotechnology) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/mechanical-and-mechatronics-engineering-nanotechnology-phd)

**P**

* [Pharmacy - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/pharmacy-doctor-philosophy-phd)
* [Physics - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/physics-doctor-philosophy-phd)
* [Physics (Nanotechnology) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/physics-nanotechnology-doctor-philosophy-phd)
* [Physics (Quantum Information) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/science/physics-quantum-information-doctor-philosophy-phd)
* [Planning - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/environment/planning-doctor-philosophy-phd)
* [Public Health Sciences - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/health/public-health-sciences-doctor-philosophy-phd)
* [Public Health Sciences (Aging, Health and Well-Being) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/health/public-health-sciences-aging-health-and-well-being-doctor)
* [Public Health Sciences (Water) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/health/public-health-sciences-water-doctor-philosophy-phd)
* [Pure Mathematics - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/pure-mathematics-doctor-philosophy-phd)
* [Pure Mathematics (Quantum Information) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/pure-mathematics-quantum-information-doctor-philosophy-phd)

**Q**

**R**

**S**

* [Statistics - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/statistics-doctor-philosophy-phd)
* [Statistics (Biostatistics) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/math/statistics-biostatistics-doctor-philosophy-phd)
* [Systems Design Engineering - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/systems-design-engineering-doctor-philosophy-phd)
* [Systems Design Engineering (Nanotechnology) - Doctor of Philosophy (PhD)](https://uwaterloo.ca/future-graduate-students/programs/by-faculty/engineering/systems-design-engineering-nanotechnology-doctor-philosophy)

**T**

**V**



**Queen’s University School of Graduate Studies & Postdoctoral Affairs.**

To view a list of all programs with links to their program websites go to - <https://www.queensu.ca/grad-postdoc/grad-studies/programs-degrees>

Below please find some of our programs that may be more attractive to your students based on your areas of research provided.

**Dept of Geological Sciences and Geological Engineering**

<https://www.queensu.ca/geol/>

We offer MSc, MASc, and PhD degrees in several areas on the list, including:

* Applied Chemistry (i.e., elemental, and isotopic geochemistry)
* Hydrology
* Water Quality
* Geology (pretty much all aspects)
* Environmental Science and Engineering.

**Dept of Mechanical & Materials Engineering** <https://engineering.queensu.ca/mme/research/index.html>

* Water, Environment & Renewable Energy - Renewable Energies
* Engineering – Mechanical Engineering, Biomedical Engineering, Materials Science and Engineering, Biotechnology, Aerospace Engineering, Transportation Science and Technology, Metallurgical Engineering

**Dept of Civil Engineering**

<https://engineering.queensu.ca/civil/research/index.html>

* Water Quality (<https://engineering.queensu.ca/civil/research/environmental.html>)
* Civil Engineering (Entire department)
* Marine/Ocean Engineering (<https://engineering.queensu.ca/civil/research/hydrotechnical.html>)

**Dept of Chemical Engineering** <https://engineering.queensu.ca/chee/research/index.html>

* Water, environment and renewable energy
* Chemical Engineering

**Dept of Mining Engineering**

<https://engineering.queensu.ca/mining/research/index.html>

* Supply Chain, logistics and operations
* Environmental management, climate change, energy efficiency management, renewable energy

**Dept of Electrical & Computer Engineering** <https://engineering.queensu.ca/ece/research/index.html>

* Electrical and Electronic Engineering, Instruments Science and Technology, Computer Science Engineering, Remote sensing

**Dept of Math and Engineering**

<https://www.queensu.ca/mathstat/research/applied-math>

**Dept of Mathematics and Statistics**

<https://www.queensu.ca/mathstat/graduate/prospective-graduate>

**Dept of Physics, Engineering Physics and Astronomy\***

<https://www.queensu.ca/physics/grad-studies/applicants>

* Engineering and Applied Physics

**School of Environmental Studies**

[**https://www.queensu.ca/ensc/research**](https://www.queensu.ca/ensc/research)

[**https://www.queensu.ca/ensc/graduate**](https://www.queensu.ca/ensc/graduate)

* Water Quality

**Dept of Biology**

* Climate change

**Dept of Biomedical and Molecular Sciences**

<https://dbms.queensu.ca/graduate>

* Basic Sciences, particularly in the area of Biology.