

UBC Science delivers top-calibre disciplinary and interdisciplinary graduate programs

that produce highly qualified scientific leaders and personnel for British Columbia, Canada and the world. UBC Science offers master's and doctoral degrees through nine departments and 350 research groups. Our graduate students work with outstanding faculty to specialize in the basic sciences, or to pursue interdisciplinary and applied research through collaborations across departments and research units.



Research Strengths & Facilities

Ranked among the world's best research-intensive universities and home to a broad range of enriched industry training programs, UBC Science offers young scientists an unparalleled opportunity to advance their careers.

UBC's focus across disciplines inspires our graduate students to widen their horizons and apply their knowledge outside their specialization. Interdisciplinary researchers include statisticians aiding drug discovery, computer scientists mining health data, chemists unravelling plant defence strategies, and geologists discovering carbon dioxide sinks.

UBC Science houses a wide variety of industry-related programs. From atmospheric aerosols to high-throughput biology, from biodiversity research and ecosystems services to plant cell wall biosynthesis, from quantum science and new materials to applied geochemistry: the options are almost endless.

Our affiliated institutes and centres include Michael Smith Laboratories, Advanced Materials and Process Engineering Laboratory, Biodiversity Research Centre, Life Sciences Institute, Pacific Institute for the Mathematical Sciences, Mineral Deposit Research Unit, Stewart Blusson Quantum Matter Institute, the Institute for the Oceans and Fisheries, and TRIUMF, Canada's national laboratory for particle and nuclear physics.

Graduate Programs

- ▶ Astronomy (MSc, PhD)
- ▶ Atmospheric Science (MSc, PhD)
- ▶ Bioinformatics (MSc, PhD)
- ▶ Botany (MSc, PhD)
- ▶ Chemistry (MSc, PhD)
- ▶ Computer Science (MSc, PhD)
- ▶ Data Science (MDS)
- ▶ Engineering Physics (MAsc)
- ▶ Genome Science and Technology (MSc, PhD)
- ▶ Geological Engineering (MAsc, MEng, PhD)
- ▶ Geological Sciences (MSc, PhD)
- ▶ Geophysics (MAsc, MSc, PhD)
- ▶ Mathematics (MSc, PhD)
- ▶ Microbiology and Immunology (MSc, PhD)
- ▶ Oceanography (MSc, PhD)
- ▶ Physics (MSc, PhD)
- ▶ Resources, Environment and Sustainability (MA, MSc, PhD)
- ▶ Statistics (MSc, PhD)
- ▶ Zoology (MSc, PhD)



UBC Science is enormously proud of the role it plays in preparing future scientific leaders, technology entrepreneurs, and highly qualified personnel. Our graduate students are investigating a host of pressing questions—brain recovery after stroke, improved resource discovery, how biodiversity can be better understood and sustained, statistical modeling, and leading edge nanotechnology—to name just a few. Whatever your area of interest and your desired contribution, we offer young scientists a broad array of degree options, first-rate facilities, and the opportunity to work alongside some of the world's top ranked researchers.

— Dr. Simon Peacock, Dean

Science Facts

- ▶ Ranked 33rd in the world by US News and World Report, UBC research prowess in environmental science, math, physics, plant and animal science, computer science, geology and biology is rated best in Canada by international and national rankings.
- ▶ UBC Science receives \$91 million in annual research funding.
- ▶ UBC Science boasts 50 Canada Research Chairs, more than 60 fellows of the Royal Society of Canada, 11 fellows of the Royal Society of London, and has been home to two Nobel Laureates.
- ▶ UBC Science maintains a diverse graduate student population. Women account for 36% of graduate enrollments, and the percentage of international students has increased to 39% over the past decade.
- ▶ UBC Science graduate students have won eight prestigious NSERC-CIHR Vanier scholarships, two NSERC Doctoral Prizes, and four NSERC Innovation Challenge Awards.
- ▶ UBC Science researchers have created 70 spin-off companies.



Admissions

The Graduate and Postdoctoral Studies establishes common minimum admission requirements. Your graduate program may have additional requirements. Please refer to the Science website or the individual graduate program websites for details.

› science.ubc.ca/grad

Financial Support

Financial support for graduate students may come from one or more of four basic sources: merit-based awards, teaching and research assistantships, need-based awards and direct awards from external agencies. All UBC Science graduate students are provided with a competitive stipend to support their living expenses. As well, tuition costs for the first four years of their enrollment in a PhD program are covered by the Faculty.



Grad School @ UBC

UBC offers over 300 master's and doctoral degree programs in nearly every academic field imaginable.

Discover: www.grad.ubc.ca/science

The University of British Columbia

The University of British Columbia is a global centre for research and teaching, consistently ranked among the 40 best universities of the world. Surrounded by the beauty of the Canadian West, UBC embraces bold new ways of thinking that attract exceptional students and faculty. It is a place where innovative ideas are nurtured in a globally connected research community, providing unparalleled opportunities to learn, discover and contribute.