

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. With access to master's and doctoral degrees through nine departments and 350 research groups, our graduate students work with world-class faculty to explore the basic sciences, and to pursue interdisciplinary and applied research across departments and units.



Research Strengths & Facilities

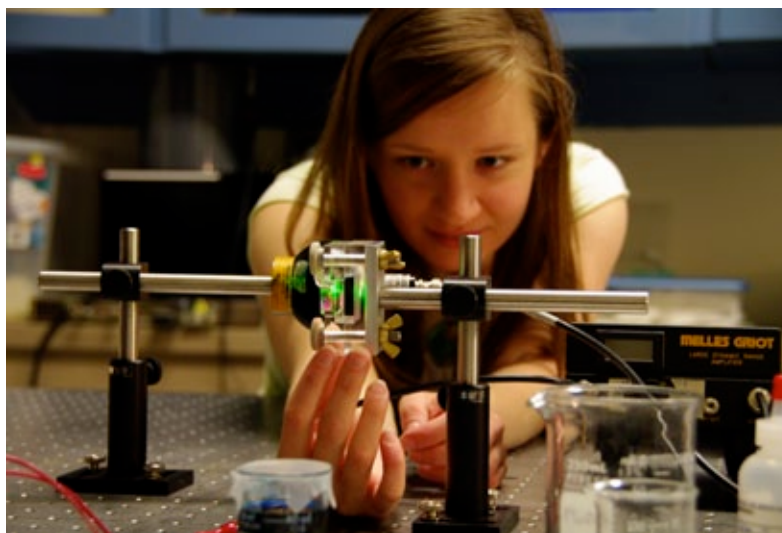
UBC is consistently **ranked among the world's best** universities with respect to **research volume, income and reputation**. While committed to discipline-based excellence, our research programs and faculty members collaborate across fields, allowing them to draw conclusions and have an impact that could not be achieved within any single discipline. With research strengths that span evolutionary biology, probability, materials science, computer animation, theoretical physics, genomics, organic chemistry, and data visualization, UBC Science offers **endless possibilities** for graduate study and research.

The Vancouver campus is home to six Canadian Networks of Centres of Excellence and four prestigious Collaborative Research and Training Experience programs in atmospheric aerosol research, high-throughput biology, biodiversity research, and plant cell wall biosynthesis.

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, and TRIUMF**, Canada's national laboratory for particle and nuclear physics.

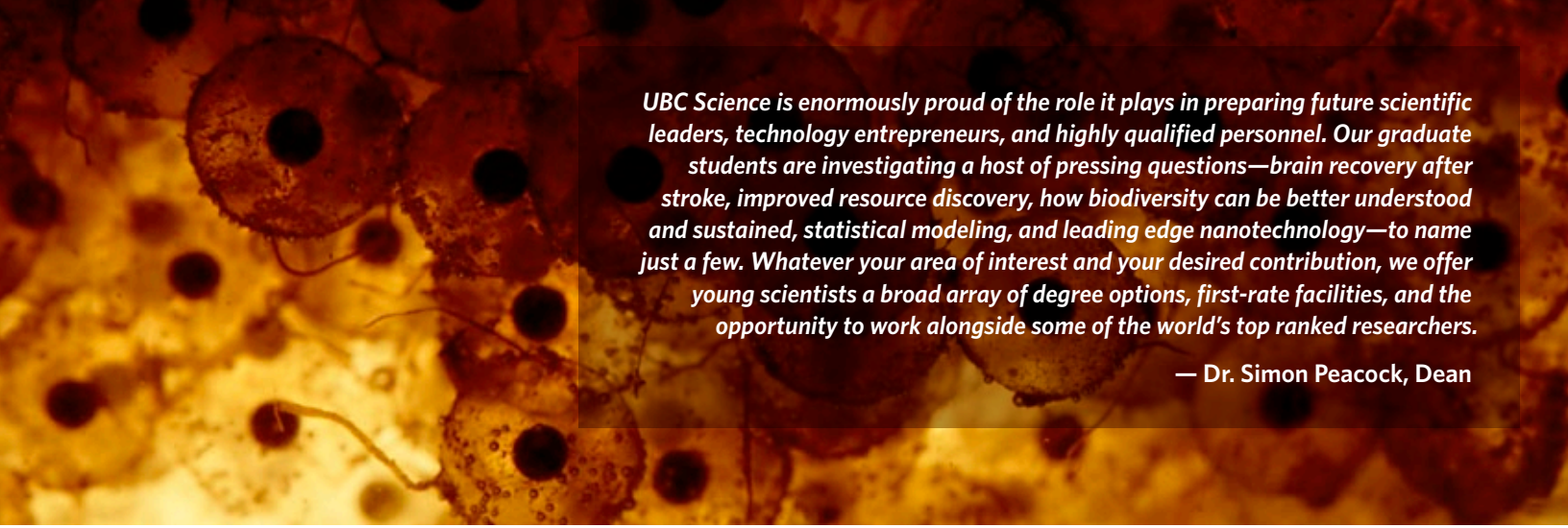
Graduate Programs

- ▶ Astronomy (MSc, PhD)
- ▶ Atmospheric Science (MSc, PhD)
- ▶ Botany (MSc, PhD)
- ▶ Chemistry (MSc, PhD)
- ▶ Computer Science (MSc, PhD)
- ▶ Engineering Physics (MAsc, PhD)
- ▶ Geological Engineering (MAsc, MEng, PhD)
- ▶ Geological Sciences (MSc, PhD)
- ▶ Geophysics (MAsc, MSc, PhD)
- ▶ Mathematics (MA, MSc, PhD)
- ▶ Microbiology and Immunology (MSc, PhD)
- ▶ Oceanography (MSc, PhD)
- ▶ Physics (MSc, PhD)
- ▶ Resource Management and Environmental Studies (MA, MSc, PhD)
- ▶ Statistics (MSc, PhD)
- ▶ Zoology (MSc, PhD)



a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Science
twitter: @ubcscience
web: www.science.ubc.ca/grad



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

- ▶ Graduate students at UBC Science work alongside **researchers that attracted \$80 million** in external funding in 2010-11.
- ▶ UBC is ranked 14th in the world in the life sciences and 24th in the world in the physical sciences by the Times Higher Education Reputation Rankings.
- ▶ QS World University Rankings gives UBC top marks in Canada in physics, environmental sciences, and earth and marine sciences.
- ▶ UBC Science boasts **50 Canada Research Chairs** and **10 fellows of the Royal Society of London**, and has been home to **two Nobel Laureates**.
- ▶ Major projects have brought **\$135 million in infrastructure** investment to the Faculty over the past five years. In the past two years, facilities in the biological, geological, mathematical and statistical sciences have been renewed or redeveloped.
- ▶ 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.
- ▶ Our graduate students also excel after graduation. **Five of 11 Howard Alper Postdoctoral Prizes** awarded since 2001 have gone to UBC Science graduates.



Admissions

The Faculty of Graduate 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 130 master's and doctoral degree programs in nearly every academic field imaginable. Discover more. www.grad.ubc.ca

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.