

Our mandate is the advanced training of tomorrow's scientists and leaders.

The Faculty of Forestry offers both master's and doctoral programs in which our graduate students learn from a dynamic and diverse group of researchers who educate and communicate how forests and the products that are created from them contribute to the well being of all living things. The health and sustainability of forests underlies everything we do. We are among the best institutions globally in forest-related education and research and are also unique in the breadth of expertise we possess, which allows us to integrate new knowledge across many disciplines.



Graduate Programs

- Forestry (PhD, MSc, MASc, MSFM, MIF, MF)



Forestry Facts

- More than 50 active research groups studying subjects as diverse as:
 - poverty alleviation and sustainable livelihoods
 - promoting a competitive, **sustainable**, and internationally respected forest sector
 - linking structure and function in belowground ecosystems
 - sustainable water resource management
 - developing new biomaterials from cellulose, cellulose derivatives and lignin
 - **biodiversity** in alpine ecosystems
 - applied conservation problems within managed and natural landscapes
 - genetic structure of forest trees and genetic diversity in breeding
 - landscape visualization and **environmental** perception
 - public land management and sustainable forest management
 - corporate responsibility practices and issues in the forest industry
 - **understanding the impact** of human activities on landscape dynamics
 - ecology, behaviour, physiology and management of salmon
- More than half of Forestry graduate students are international students, originating from over 40 countries.
- The First Nations Initiative has assisted in building capacity for increased involvement of First Nations in the forest sector.
- Faculty members work with UBC's Local Climate Change Visioning Project, which brings together global climate science and local policy.
- Forestry researchers are taking a leadership role in visioning healthy and prosperous forest-dependent communities through our Africa Forests Research Initiative on Conservation and Development (AFRICAD).
- Our researchers have **discovered** some of the **genetic secrets** that enable trees to fight off pests and disease—critical new information about forests' natural defense systems.
- Our research is bridging the gap between science and professional practice of hydrology.



a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Forestry
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Our Faculty has amassed a huge array of expertise and many of our faculty members are amongst the best in their field. In the past, we have tended to focus on British Columbia, but while we still have major contributions to make here, the value of our expertise extends far beyond the province's boundaries. As we move forward, the diversity of our activities, the quality of our faculty, and our location in one of the world's premier universities will ensure that we are in a position to make a real difference to the lives of people worldwide. I hope that you will join us in doing so.

— Dr. John Innes, Dean

Research Strengths & Facilities

- ▶ **Forest Sciences Centre:** This beautiful building is a showcase for construction using Canadian forest products, and was architecturally designed to **mimic the landscape** of British Columbia: towering trees, mountains and blue-green waters. The Centre houses the departments of Forest Resources Management, Wood Science and Forest Sciences.
- ▶ **The Centre for Advanced Wood Processing:** Canada's national centre of excellence for education and research related to wood products processing and advanced wood products manufacturing works to advance knowledge that fosters job creation, stabilizes forest-dependent communities, encourages increased value recovery and **ensures the sustainable management** of Canada's forests.
- ▶ **Research Forests (Alex Fraser Research Forest, Malcolm Knapp Research Forest):** These are working forests located throughout the province where students and faculty can **study in an outdoor setting**. Fish and wildlife, silviculture, forest harvesting, forest ecology, forest management, and resources management figure prominently in these field studies.



Admissions

The Faculty of Graduate Studies establishes common minimum admission requirements. Your graduate program may have additional requirements. Please see the program website for details.

› www.forestry.ubc.ca/grad

Financial Support

Financial support for thesis-based graduate students within Forestry typically comes from one or more of the following sources: merit-based awards administered by the Faculty of Graduate Studies, teaching and research assistantships, need-based awards and direct awards from external agencies. There is also financial travel support for graduate students presenting at major conferences. Forestry provides competitive funding packages to support MSc and MASc students during the first two years of their program and doctoral students during the first four years of their program.

Grad School @ UBC The University of British Columbia

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 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.