

UBC FACULTY OF

# FORESTRY



**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 underlie 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.

## 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 and Conservation 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.



THE UNIVERSITY OF BRITISH COLUMBIA

Graduate and Postdoctoral Studies

FACULTY OF FORESTRY

[www.grad.ubc.ca/forestry](http://www.grad.ubc.ca/forestry)



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

## GRADUATE PROGRAMS

- Master of Forestry
- Master of Science in Forestry
- Master of Applied Science in Forestry
- Master of Geomatics for Environmental Management
- Master of International Forestry
- Master of Sustainable Forest Management
- Master of Urban Forestry Leadership
- Doctor of Philosophy in Forestry

## 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](http://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.

## 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 below ground 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
- › Roughly half of Forestry graduate students are international students, originating from over 40 countries.
- › The Indigenous Initiative has assisted in building capacity for increased involvement of Indigenous people in the forest sector.
- › 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 suite of professional master's programs provide cutting-edge and practical careers skills in-demand by industry, government and non-profit organizations.

## THE UNIVERSITY OF BRITISH COLUMBIA

UBC is one of the world's great public universities, encouraging bold thinking, curiosity and initiative, so our students can realize their greatest potential. We hold a reputation for excellence in advanced research and learning, supported by world-class faculty, students and research facilities across all major academic disciplines.

## GRAD SCHOOL AT UBC

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

Discover more: [www.grad.ubc.ca](http://www.grad.ubc.ca) | [www.forestry.ubc.ca/grad](http://www.forestry.ubc.ca/grad)

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