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.

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.

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 Indigenous Initiative: The Indigenous Initiative has assisted in building capacity for increased involvement of Indigenous people in the forest sector.
- Advanced Training: The Centre for Advanced Wood Processing is Canada’s national Centre of Excellence for education and research related to wood products processing and advanced wood products manufacturing.