

UBC FACULTY OF LAND AND FOOD SYSTEMS



LAND AND FOOD SYSTEM FACTS

\$11M

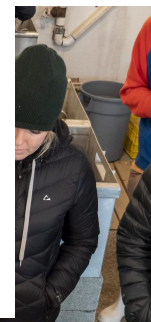
in research awards
in 2022

\$1M

Industrial
research award
for the Animal
Welfare Program

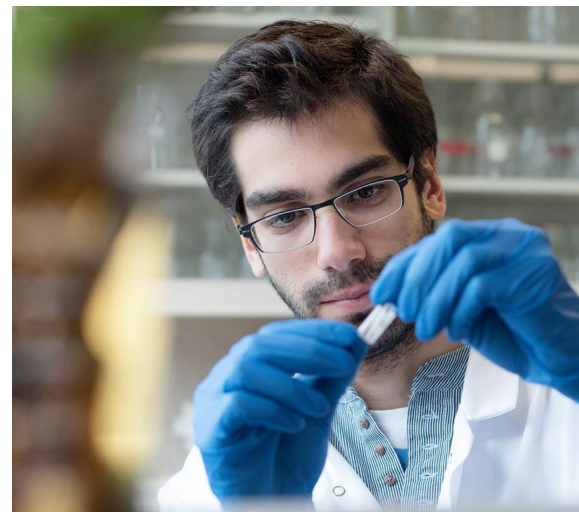
Ranked 25th globally

Agricultural Sciences
Academic Ranking of World Universities



A healthy and sustainable land and food system is critical.

Your graduate research and training at UBC's Faculty of Land and Food Systems will address important local and global challenges surrounding sustainable agriculture; food safety and quality; and food, nutrition and health. Our scholars find viable solutions to challenges in these areas and are well-known worldwide for their innovation and leadership.



RESEARCH STRENGTHS & FACILITIES

- **Soil, Water & Sustainability Research:** Laboratories and field sites offer state-of-the-art equipment for quantitative analysis of soil, water and air components and properties. Field sites range from the UBC Farm and horticultural buildings, to Totem Field with its diverse soil types and adaptive irrigation, to tower sites in the Lower Fraser Valley and on Vancouver Island.
- **Centre for Sustainable Food Systems at UBC Farm:** A living laboratory that contains agricultural, forest, and transitional landscape areas for interdisciplinary field research.
- **Human Nutrition and Dietetics:** Exploring the role of food, nutrients, and non-nutritive food components on the body, and factors that impact food choice and eating patterns.
- **UBC Dairy Education & Research Centre:** Leaders in dairy cattle health and wellness research are actively engaged with the dairy industry in British Columbia.
- **Animal Welfare Program:** Improves the lives of animals through research, education, and public outreach.
- **Food Science:** Modern analytical instrumentation and biohazard facilities for food safety and sensory evaluation, and pilot plant facilities for food formulation, evaluation and processing.
- **Plant-insect Ecology and Evolution:** Plant tolerance of herbivory and indirect defenses of plants, such as the attraction of natural enemies.
- **Wine Research Centre:** Conducts research in viticulture and plant genomics.

FINANCIAL SUPPORT

Financial support for graduate students within LFS typically comes from one or more of four basic sources: merit-based awards administered by Graduate and Postdoctoral Studies, teaching and research assistantships, need-based awards and direct awards from external agencies. Minimum funding levels are in place to ensure students are financially supported for the first two years of their master's program and first four years of their PhD program. There are also many donor-funded internal awards which include financial travel support for students presenting at major conferences. Please refer to our website for details: landfood.ubc.ca/graduate/financial-support-scholarships-awards/

ADMISSIONS

The Faculty of Graduate and Postdoctoral Studies establishes common minimum admission requirements. Individual graduate programs may have additional requirements. Please refer to the website of a specific graduate degree program for details landfood.ubc.ca/graduate.

GRADUATE PROGRAMS

Research-Based Degree Programs

- Applied Animal Biology ([MSc](#), [PhD](#))
- Food Science ([MSc](#), [PhD](#))
- Human Nutrition ([MSc](#), [PhD](#))
- Integrated Studies in Land & Food Systems ([MSc](#), [PhD](#))
- Plant Science ([MSc](#), [PhD](#))
- Soil Science ([MSc](#), [PhD](#))

Course-Based Degree Programs

- Food and Resource Economics ([MFRE](#))
- Food Science ([MFS](#))
- Land and Water Systems ([MLWS](#))
- Master of Nutrition and Dietetics ([MND](#))



At the Faculty of Land and Food Systems, our researchers use a “boutique” approach, focusing on key areas in our entire food system to make a real difference. Our scientists are known globally for their innovation and leadership in areas such as dairy cattle research, food science, soil and wine research. Our research advances scientific knowledge while providing industry with practical solutions.

— RICKEY YADA, DEAN

