

Faculty of Agriculture

Aquaculture (BSc Agr)



Help Sustain Wild Fisheries

DEPARTMENT OF ANIMAL SCIENCE AND AQUACULTURE

Agricultural Campus | PO Box 550 | Truro, NS B2N 5E3 Canada



DALHOUSIE
UNIVERSITY

dal.ca/studyaquaculture

IS AQUACULTURE FOR ME?

Aquaculture is one of the fastest growing food industries in the world representing almost half of the world's fish production. This major will prepare you for a dynamic career in the increasingly global aquatic agri-food sector. Here, you will be immersed into a comprehensive learning experience with both your hands and your mind. Become part of an industry that's feeding our world, and at the same time, conserving our environment. Get the specialized education you need from Dalhousie's Faculty of Agriculture.

WHAT WILL I LEARN?

Explore a hands-on program that blends classroom, laboratory, project and field work to give you the skills you need to make an impact on the future of our food and aquatic conservation. The practical experience, as well as classroom learning in subjects such as Fish Health, Aquatic Ecology and Fish Physiology, is respected by professional organizations. Some learning outcomes include:

- Aquatic interactions with the environment
- Husbandry skills
- Molecular genomic techniques
- Applied research methods and data handling
- Breeding of fish and shellfish
- Water quality monitoring and management
- Nutrient requirements of fish and shellfish

WHAT CAREERS CAN I PURSUE?

Close to 90% of our students graduate from our programs with high-quality jobs. Top employers across Canada seek out our students on campus because of their job-ready skills, their environmental knowledge and their forward thinking approach. Here are some typical jobs that our students have pursued:

- Hatchery Technician
- Production Site Manager
- Aquatic Animal Health Biologist
- Fisheries Biologist
- Fisheries Officer
- Aquaculture/Environmental Consultant
- Research Scientist
- Aquaculture Engineer

WHY STUDY AQUACULTURE AT DAL'S TRURO CAMPUS?

- Our Aquaculture Facility is located on campus and offers 8,100 square feet of well-equipped laboratories and aquatic-rearing facilities with fresh and salt water to nurture fish, grow plankton and manage water quality.
- Learn by doing, and develop strengths in four main areas: aquaculture, aquatic science, industry knowledge and hands-on experience.
- Our intimate classroom sizes give you an opportunity to be part of your professor's research and learn first-hand from these experts.
- Explore our campus and pursue minors in a range of disciplines that will complement your skills and knowledge in aquaculture, including: animal science, agricultural business, environmental science, and more.

WHAT OUR GRADUATES ARE SAYING:

"Studying aquaculture has been the best academic decision I've ever made, I even deferred from vet school for a year just to finish my degree in aquaculture."

Jordan Bujold (Graduate, BSc. Hon)

FOR INFORMATION, CONTACT:

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