

Resource Sheet 2.2 – Canadian Aquaculture Courses and Programs

Aquaculture Courses and Aquatic Programs in Canada



What do Aquaculture Students Learn?

Aquaculture programs are offered by selected universities and technical colleges in Canada, usually at the certificate or diploma level. Generally these programs provide a strong background in the biological sciences, including fish health, nutrition and production and aquatic ecology. Some programs also provide courses in business-related topics such as management, economics, legislation, marketing and distribution. Practical experience in the industry is integral to such programs, in which students learn to maintain water recirculation systems, calibrate and use water quality equipment, and manage the aquatic ecosystem that grows and sustains the fish or shellfish.

Universities offering Aquaculture and Aquatic Programs in Canada

- British Columbia
- Newfoundland & Labrador
- Nova Scotia
- Ontario

Universities with Aquaculture in British Columbia

- **Fisheries and Aquaculture Technology**
Undergraduate Degree | Malaspina University College
- **Fisheries and Aquaculture**
Undergraduate Degree | Malaspina University College
- **Fisheries and Aquaculture Extension**
Undergraduate Degree | Malaspina University College

Universities with Aquaculture in Newfoundland & Labrador

- **Master of Science Aquaculture**
Graduate Degree | Memorial University of Newfoundland (MUN)
- **Advanced Diploma in Sustainable Aquaculture**
Postgraduate diploma | Marine Institute (MUN)
- **Technical Certificate in Aquaculture (Salmonid)**
Site worker short program | Marine Institute (MUN)

Universities with Aquaculture in Nova Scotia

- **Aquatic Resources**
Undergraduate Degree | St. Francis Xavier University
- **Master of Science Aquaculture**
Graduate Degree | Nova Scotia Agricultural College
- **Aquaculture/Aquatic Science Diploma**
Undergraduate Degree | Nova Scotia Agricultural College

Universities with Aquaculture in Ontario

- **Master of Science Aquaculture**

Graduate Degree | University of Guelph