

## ADVANCED DIPLOMA AT THE MARINE INSTITUTE

THROUGH THE MARINE INSTITUTE'S ADVANCED DIPLOMA PROGRAM, WE CAN HELP YOU BE PART OF THE RAPIDLY GROWING AND CHALLENGING SUSTAINABLE AQUACULTURE INDUSTRY.

# SUSTAINABLE AQUACULTURE

Aquaculture is the fastest growing food production sector globally. It contributes more than 20 per cent of all aquatic food products in Canada with more than \$1 billion in farm and service sector annual sales. About 14,000 people are employed in long-term sustainable positions with the aquaculture industry and its allied sectors. Employment opportunities are projected to double in the next decade. Aquaculture is an important economic priority for the Canadian and provincial governments.

### Career opportunities

The advanced diploma in aquaculture will prepare graduates for numerous career options including: fish health technician, aquaculture environmental management, aquaculture extension biology, feed production and management, fish and shellfish farm management, aquaculture technology, aquaculture research, aquaculture instruction, and work on aquaculture projects in the developing and developed world.

There is a huge demand for leaders and managers in the growing aquaculture industry across Canada and elsewhere. Our modern training facilities include several fresh and salt water recirculating systems with filtration, temperature control units, containment and quarantine facilities, culture tanks, and several analytical laboratories. Students have access to other marine facilities at Memorial's Ocean Sciences Centre.

### Entrance requirements

Graduates should have an appropriate undergraduate degree, a three-year diploma of technology, or a combination of work experience and formal education acceptable to the Admissions Committee.



### Program description

One-year program, combining classroom and practical experience. Topics include business

management and communications, marketing, aquaculture systems operations, fish health, fish nutrition, site selection, fish culture, shellfish culture, seafood handling and processing and practical aquaculture. Students will complete an industry research project in their second semester. A work placement is offered in the last three months of the program.

### For more information contact:

**Aquaculture program**

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