

MASTER'S DEGREE

FISHERIES SCIENCE

STOCK ASSESSMENT



ON CAMPUS

PROGRAM DESCRIPTION

The degree of Master of Science in Fisheries Science (Stock Assessment) is a full-time, research-focused Master's degree offered by the Marine Institute's School of Fisheries. This program is for students who aim to pursue a career in stock assessment, a discipline within fisheries science.

Stock assessment professionals use data derived from many sources to construct statistical models that inform us about biomass of organisms in the ocean and how many can be caught sustainably. While stock assessment professionals must have many of the same proficiencies as other fisheries scientists, they have an additional requirement of being experts on the mathematics and statistics that underpin this heavily quantitative field.

ADMISSION REQUIREMENTS

To be considered for admission to the program, an applicant will normally possess a high second class Honours degree or an M.D. degree, or the equivalent of either, both in achievement and depth of study from an institution of recognized standing. Applicants must be able to demonstrate a satisfactory knowledge of mathematics, statistics and scientific computing.

Applicants will need to have identified a supervisor, who must be either a research scientist with the Marine Institute's School of Fisheries, a cross-appointed or adjunct faculty with the School or an actively-publishing researcher within the School who holds a Ph.D.

Any other applicant may be considered for admission provided that:

- The applicant's undergraduate record after the first year shows an average of at least Grade B in courses in the proposed field of specialization;
- The applicant's overall undergraduate record after the first year shows an average of at least Grade B in all courses taken; and
- The applicant demonstrates a commitment and passion for mathematics or statistics, through employment or experience in field schools, research programs, regulatory agencies or government departments, non-governmental organizations, consulting activities, or other relevant activities.

Email: recruitment@mi.mun.ca

Tel: 1-800-563-5799 or 709-778-0543


MARINE INSTITUTE


MEMORIAL
UNIVERSITY

This document is for reference only. Follow the University Calendar for descriptions and regulations for your program. The information provided here is subject to change. The University Calendar is the final authority on university and program regulations.



APPLICATION DEADLINES

FALL ADMISSION

MAY 15

WINTER ADMISSION

SEPTEMBER 15

SPRING ADMISSION

JANUARY 15

PROGRAM STRUCTURE

This program recognizes that fisheries science is a broad discipline that is applied in nature and requires a high degree of skills to be done well. Students will gain practical skills through coursework while developing their theoretical understanding through supervised research and through their interactions as an active participant within the scientific community. Students will also be exposed to the depth of the field of fisheries science through lab meetings, reading groups and guest lectures.

PROGRAM AT A GLANCE

PROGRAM LENGTH

12 CREDIT HOURS + THESIS

COURSE LOAD

FULL TIME

START DATE

SEPT, JAN, MAY

COURSE LIST

For a complete list of course options please visit:
mi.mun.ca/fssa

TO APPLY

The application for admission or readmission is submitted online.

Applicants who are new to Memorial University should follow the application instructions at <https://apply.mun.ca/>

Current and returning applicants should apply using the Admissions menu within the Memorial Self-Service at <https://apply.mun.ca/>



TUITION AND FEES

For tuition and fees information please visit:
mun.ca/become/graduate/tuition-fees-and-funding/