



MARITIME STUDIES

BACHELOR DEGREE

Learn cutting-edge management concepts for today's maritime and related industries.



PROGRAM DESCRIPTION

In the Bachelor of Maritime Studies degree program, you'll study the impact of human resources, economics, marketing and quality management on today's marine industry. This is a unique, professional degree that provides you with an exposure to business, as well as the marine and technology management concepts necessary to ensure your success in it.

This program is offered both on campus and online.

For more information and to apply,
visit www.mi.mun.ca/bms

PROGRAM OBJECTIVE

The Bachelor of Maritime Studies degree will provide graduates with an in depth understanding of best practises for maritime industries. Students will enhance their career opportunities by gaining knowledge in areas such as marine environmental management, advanced technical communications, and trends and issues in shipping.

PROGRAM STRUCTURE

This one-year program consists of 13 courses (39 credit hours), and is offered both on campus and online. This program can be completed on a full or part-time basis.

Full-time students can complete the program in one academic year. The program is comprised of seven required courses (21 credit hours), and six elective courses (18 credit hours)

COURSE SELECTION CHART

REQUIRED COURSES

3 CREDIT HOURS IN ENGLISH AT THE 1000 LEVEL

MSTM 4001 - The Organization and Issues of Shipping

MSTM 4002 - The Business of Shipping

MSTM 4103 - Advanced Communications for the Maritime Sector

MSTM 4105 - Policy and Governance in the Maritime Industry

MSTM 4106 - Operations Management

MSTM 4025 OR STATISTICS 1510 OR 2500 - Applied Statistics

GROUP A ELECTIVES (MINIMUM OF THREE)

MSTM 4005 - Trends and Issues in International Shipping

MSTM 4006 - Maritime Human Resource Management

MSTM 4007 - Shipping Finance

MSTM 4008 - Introduction to Offshore Oil and Gas

MSTM 4101 - Maritime Occupational Safety and Health (Legislation and Regulations)

MSTM 4102 - Maritime Risk Management/Accident Incident Investigation

MSTM 4104 - Integrated Management Systems in Maritime Industries

GROUP B ELECTIVES (MINIMUM OF ONE)

BUSINESS 1101 OR 2102 - Principles of Accounting or Introductory Accounting for Non-Business Students

BUSINESS 4000 - Business Law I

ECONOMICS 1010 OR THE FORMER 2010 - Introduction to Microeconomics

ECONOMICS 1020 OR THE FORMER 2020 - Introduction to Macroeconomics

GEOGRAPHY 3510 - Geography of the Seas

MSTM 4004 - Marine Environmental Management

MSTM 4019 - Research Methods

MSTM 4020 - Economic Management for Technologists

MSTM 4030 - Technology in the Human Context

MSTM 4040 - Project Management for Technologists

MSTM 4050 - Introduction to Quality management

PHILOSOPHY 2571 - Technology

SOCIOLOGY 2120 - Technology and Society

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ADMISSION

In addition to meeting the admission/readmission requirements for the University students must also meet the admission/readmission requirements for the Marine Institute.

Applicants must meet the general admission/readmission requirements of the University and be eligible for admission to the Bachelor of Maritime Studies program in one of the following categories:

- CATEGORY A:**
 applicants holding a diploma from the Marine Institute in nautical science, marine engineering technology, naval architecture technology or marine engineering systems design technology,
- CATEGORY B:**
 applicants holding a Canadian Technology Accreditation Board accredited, or Transport Canada approved, diploma in marine engineering technology or nautical science,
- CATEGORY C:**
 applicants holding a Canadian or non-Canadian diploma similar to an accredited or Transport Canada approved Marine Institute diploma in nautical science, marine engineering technology, naval architecture technology or marine engineering systems design technology,
- CATEGORY D:**
 applicants holding a Transport Canada Certificate of Competency at the Master Mariner, Fishing Master First Class or Engineering First Class level or equivalent,
- CATEGORY E:**
 applicants who have Canadian Forces (Naval Operations) training acceptable to the Admissions Committee.

Applications to the program will be considered by the appropriate admissions committee(s).

International applicants holding appropriate credentials may also be admitted to the program. To apply, you must submit an application and supporting documentation to Memorial University.

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ADMISSION

HOW TO APPLY

Applicants should submit their application to Memorial University of Newfoundland by the following deadlines:

- **FALL ADMISSION — JUNE 15** (Official transcripts due June 30)
- **WINTER ADMISSION — OCT 15** (Official transcripts due Oct 30)
- **SPRING ADMISSION — MARCH 15** (Official transcripts due March 30)

For more information and to apply online, go to www.mun.ca/bms

COURSE DESCRIPTIONS

MSTM 4001 - THE ORGANIZATION AND ISSUES OF SHIPPING

This course will provide students with knowledge of the economic shipping environment with respect to Canada. The course will develop an understanding of basic trade theory, patterns of trade and sea routes, commodities traded by sea, and the organizational structure of shipping companies.

MSTM 4002 - THE BUSINESS OF SHIPPING

This course will provide students with an understanding of financial statements, costs, revenues and financial performance of shipping companies as well as computing, voyage and annual cashflows. The course will develop an understanding of marine insurance and forecasting, and risk management.

MSTM 4103 - ADVANCED COMMUNICATIONS FOR THE MARITIME SECTOR

This course will equip students to write a variety of formal and informal maritime-related technical documents; develop students' capabilities in gathering and critically analysing information from technical sources and constructing a clear message; and prepare students to develop and deliver oral technical presentations.

MSTM 4105 - POLICY AND GOVERNANCE IN THE MARITIME INDUSTRY

This course provides the student with an understanding of the maritime industry as a global enterprise in the context of policy and governance. It will focus on the full range of the regulatory framework from the standpoint of the International Maritime Organization to the statutory regulations applicable to the Canadian maritime industry.

MSTM 4106 - OPERATIONS MANAGEMENT

This course provides comprehensive knowledge of global ship management practices supporting the function of ship operations management, both ashore and at sea. This course aims to develop the students understanding of management issues in marine transportation as they relate to basic principles of management; management in multi-ethnic environments; managing under adverse conditions; the SOLAS Convention and the ISM and ISPS Codes; the International Labour Organization and the MLC Convention; the International Transport Federation; and, Port State Control.

MSTM 4025 - APPLIED STATISTICS

This course will enable the student to use descriptive statistics to report data findings, to make statistical inferences using appropriate data analysis, and to use, and interpret the output from, statistical software.

COURSE DESCRIPTIONS

MSTM 4005 - TRENDS AND ISSUES IN INTERNATIONAL SHIPPING

This course will provide students with an understanding of how regulatory bodies and their legislation have evolved to affect the modern seafarer trading internationally. This course will develop an understanding of the various rules and regulations dealing with Classification, ISM, MAPROL, SOLAS and SIRE inspections which have to be dealt with on a daily basis at sea.

MSTM 4006 - MARITIME HUMAN RESOURCE MANAGEMENT

This course provides basic principles of HRM in terms of seagoing and shore-based personnel. Students will analyze the world maritime labour market, HRM practices, outsourcing and international conventions. It stresses the importance of coherent maritime HRM systems required to gain a sustainable competitive advantage.

MSTM 4007 - SHIPPING FINANCE

This course focuses on commercial ship management and the critical evaluation of alternative financial decisions. Analyzes the principles of financial ship management and the impact of global economic variables on the financial operations and performance of shipping companies. The course provides an appreciation of critical questions, problems, issues and alternative approaches incorporated in shipping finance. This will support and facilitate the conduct of meaningful financial analysis and managerial decision-making for investments and fund raising in shipping business.

MSTM 4008 - INTRODUCTION TO OFFSHORE OIL AND GAS

This course will provide students with an understanding of the basic concepts of the oil and gas industry from a marine perspective. This course will cover the entire supply chain and industry structure from upstream to downstream. Topics discussed will give an overview of oil and gas; how it is explored and evaluated, extracted, refined, transported and traded.

MSTM 4101 - MARITIME OCCUPATIONAL SAFETY AND HEALTH (LEGISLATION AND REGULATIONS)

This course will provide students with the knowledge and understanding to manage the legislative framework within the workplace and show the importance of establishing a positive safety culture with specific focus on the maritime industry.

MSTM 4102 - MARITIME RISK MANAGEMENT/ACCIDENT INCIDENT INVESTIGATION

This course will provide students with the knowledge of methodologies and practices needed to manage operational risk in today's maritime industry. Risk management will be analyzed in the context of prevention and mitigation of loss resulting from health and safety, equipment, and environmental accidents and incidents. The course will further explore methodologies and practices used to investigate accident and incident occurrences in the maritime industry.

MSTM 4104 - INTEGRATED MANAGEMENT SYSTEMS IN MARITIME INDUSTRIES

This course offers a firsthand knowledge of a systematic, comprehensive process for managing safety risks. A safety management system program provides for goal setting, planning, and measuring performance. It becomes part of the company's safety culture, as well as the way people do their jobs.

PROGRAM DELIVERY AND SUPPORT

The overall structure of this program is course-based with delivery options available in class, and online by the Fisheries and Marine Institute of Memorial University of Newfoundland.

Online courses are fully supported by The Centre for Innovation in Teaching and Learning (CITL). For online courses, Brightspace is used as the main content delivery system and provides a virtual classroom for each program course. Students can avail of the services and support offered by the Marine Institute and Memorial University, including access to the extensive University Library System resources and to Help Desk support available through CITL for technical issues related to Brightspace.

ABOUT THE MARINE INSTITUTE

As a campus of Memorial University of Newfoundland, the Fisheries and Marine Institute is Canada's most comprehensive centre for education, training, applied research and industrial support for the ocean industries.

Located on the edge of the Atlantic Ocean, we are one of the most respected centres of marine learning and applied research in the world.

The Marine Institute provides more than 20 industry-driven programs ranging from technical certificates to doctorate degrees. In addition to undergraduate and graduate degrees, the Institute offers advanced diplomas, diplomas of technology and technical certificates.

Students enjoy a learning environment where small class sizes are the rule, hands on instruction is a way of life and competitive tuition rates put an internationally-recognized education well within reach.

The Institute also runs a variety of short courses and industrial response programs. All programs and courses are designed to provide students with knowledge and skills required for success in the workforce.

The Institute has three Schools — the School of Fisheries, the School of Maritime Studies and the School of Ocean Technology — and within these Schools a number of specialized centres and units.

These centres and units lead the Institute, both nationally and internationally, in applied research and technology transfer and in the provision of training to a variety of industry clients.

CONTACT INFORMATION

GRADUATE STUDENT RECRUITMENT OFFICER

Student Affairs
Fisheries and Marine Institute of
Memorial University of Newfoundland

Telephone: 709.778.0395
Toll-free: 1.800.563.5799, ext. 0395

recruitment@mi.mun.ca
www.mi.mun.ca/bms

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