

Fisheries and Marine Institute of  
Memorial University of Newfoundland



**MARINE INSTITUTE**



**MASTER OF MARITIME MANAGEMENT**

[www.mi.mun.ca/mmm](http://www.mi.mun.ca/mmm)

# Program Description

The Master of Maritime Management (MMM) is an innovative program, the first of its kind in Canada, providing professional development opportunities for working, career-minded professionals. The program helps provide the skills and knowledge necessary to effectively manage the diversity of operations found in the challenging maritime sector. This Program is offered fully online, and applicants from the global community are invited to apply. For more information and to apply, visit [www.mi.mun.ca/mmm](http://www.mi.mun.ca/mmm).

## Program Objective

The Master of Maritime Management program will help provide you with strategic planning and decision making skills in the context of maritime organizations. You will gain deep understanding of the nature, structure and operation of maritime activities, and the factors that influence business decisions and the success of maritime-oriented organizations.

The Program enhances career development opportunities for entry-level managers or those looking to become managerial professionals in their field and provides professionals with a number of career paths, including:

- Managers in maritime organizations
- Marine surveyors and consultants
- Maritime regulators and policy makers
- Entrepreneurs in maritime ventures



# Program Overview

## Structure of Program

Participants will complete course work offered by the Fisheries and Marine Institute and the Faculty of Business Administration.

### Option 1

- Four core courses (12 credit hours)
- Four elective courses (12 credit hours)
  - One course from each of Category A and B
  - Two courses from Category C
- Project in Maritime Management (6 credit hours)

### Option 2

- Four core courses (12 credit hours)
- Six elective courses (18 credit hours)
  - One course from Category A
  - One course from Category B
  - Four courses from Category C

### Core Courses

BUSI 8104	Organizations: Behaviour and Structure
BUSI 8209	Leadership and Interpersonal Skills for Managers (Prerequisite: BUSI 8104)
MSTM 6041	Marine Policy
MSTM 6042	Business of Shipping / Transportation of Goods

### Electives Category A

BUSI 8106	Marketing
BUSI 8107	Managing Ethics and Responsibility
BUSI 8109	Accounting for Management
BUSI 8204	Human Resource Management (Prerequisite: BUSI 8104)

### Electives Category B

MSTM 6023	Strategic Planning, Policy, Participation and Management of Technical Operations
MSTM 6034	Project Management in the Offshore, Health, Fisheries and Engineering Technology Environments
MSTM 6039	Sustainability and Environmental Responsibility

### Electives Category C

MSTM 6027	Coastal and Ocean Environmental Policies
MSTM 6043	Marine Law
MSTM 6044	Marine Environment Law and Pollution Control
MSTM 6045	Port Operations and Management
MSTM 6046	Information Systems in the Marine Environment
MSTM 6047	Maritime Security and Event Investigation
MSTM 6048	Emerging Issues in International Marine Transportation
MSTM 6049	Maritime Risk Analysis and Management

### Project Option:

MSTM 6101	Project in Maritime Management (6 credits hours)
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## Admission Requirements

Candidates must fulfill MUN's graduate studies admission requirements.

Admission to the program is on a competitive basis. To be considered for admission to the program an applicant will normally possess a second class or better undergraduate degree from a university of recognized standing and will normally have:

- A Memorial University Bachelor of Maritime Studies or Bachelor of Technology, or a comparable undergraduate degree with appropriate maritime sector and business management course work.
- Appropriate technical knowledge and relevant marine sector employment experience.



# Course Descriptions

## Business Courses

For full course descriptions, see the Faculty of Business Administration.  
[http://www.business.mun.ca/programs/graduate/mba\\_courses.php](http://www.business.mun.ca/programs/graduate/mba_courses.php)

BUSI 8104 Organizations: Behaviour and Structure  
BUSI 8106 Marketing  
BUSI 8107 Managing Ethics and Responsibility  
BUSI 8109 Accounting for Management  
BUSI 8204 Human Resource Management (PR BUSI 8104)  
BUSI 8209 Leadership and Interpersonal Skills for Managers (PR: BUSI 8104)

## MSTM Courses

### **MSTM 6023 Strategic Planning, Policy, Participation and Management**

This course is designed to give participants an understanding of the strategic planning and policy development needs and functions of an organization. The course will examine current concepts, approaches and, specifically, the critical role of managers and leaders in the areas of planning, policy development, problem solving and decision making. Strategic planning and policy development in the business must be led by managers who provide overall vision, coordination, decisions on allocation of resources, communication and ongoing commitment, evaluation and support.

### **MSTM 6027 Coastal and Ocean Environmental Policies**

This course provides a detailed review of environmental protection policies enacted by a number of national jurisdictions together with international conventions and the framework for governing ocean resources and the ocean environment outside the limits of these jurisdictions. It considers the strengths and weaknesses of these policies and of the legal frameworks in which they are enacted and the effectiveness of existing conventions, as well as their impact on the business of shipping.

## MSTM Courses (cont.)

### **MSTM 6034 Project Management**

This course will include an overview of project management. This course will include presentations, discussions, and case-based analysis around project planning and monitoring; resource planning, budgeting and cost controls; assessing and managing risks; managing team work; effective communications; quality control; and negotiations and contracts.

### **MSTM 6039 Sustainability and Environmental Responsibility**

This course focuses on tools that can be applied within organizational strategies for sustainability and social responsibility. Students will examine case studies and identify opportunities for improvement through the use of environmental auditing, performance reporting, selection of indicators, environmental risk assessment, modeling and environmental accounting. The course will also address global issues such as climate change and carbon trading.

### **MSTM 6043 Marine Law**

This course surveys national and international law relating to shipping and the marine environment. It includes the roles and responsibilities of private and public national and international agencies; jurisdiction and decisions on carriage of goods by sea; international conventions; security issues; liability; safety and environmental regulations and their impact on marine operations management decision-making.

### **MSTM 6044 Marine Environment Law and Pollution Control**

This course focuses on domestic & international issues of marine environmental law, pollution control and prevention. Students will consider the roles of legislation, jurisdiction, organizational structures, international agreements, transboundary issues, and rights of coastal states in addressing marine environmental problems with regards to shipping.

# Course Descriptions

## MSTM Courses (cont.)

### **MSTM 6045 Port Operations and Management**

This course provides an overview of port and terminal management issues, including port resources and infrastructure; scheduling of port resources; port performance and efficiency; port development; impact of technological change on port management; port security.

### **MSTM 6046 Information Systems in the Marine Environment**

This course provides a survey of topics in information systems (IS) and information technology (IT) from a marine management perspective. Topic areas include: IS roles in decision making, approaches to data management, applications of marine communications technology; security and electronic data interchange.

### **MSTM 6047 Maritime Security and Event Investigation**

This course deals with port, coastal and ocean security issues; the role of national and international agencies; the impact of advances in information technologies; marine safety systems; safety and security audit and inspection.

### **MSTM 6048 Emerging Issues in International Marine Transportation**

The course deals with issues having an impact on the international shipping business, such as the globalization of economic activity; privatization of port management and marine services; impact of technological change; impact of national and international environmental legislation; coastal waters and port security; marine personnel shortages.

### **MSTM 6049 Maritime Risk Analysis and Management**

This course addresses the administrative and decision-making processes of managing risk and uncertainty in the marine industry; risk identification with respect to the various types of maritime exposures and methods of identifying such exposures; risk analysis with respect to organizational objectives and significance; risk control with respect to preventing maritime losses; risk financing with respect to the retention and transfer of maritime risk; selecting and implementing risk management techniques; monitoring and improving the risk management program adopted by the maritime organization.

## Project in Maritime Management

### **MSTM 6101 Project in Maritime Management**

Students will choose a topic in consultation with the Academic Director and Project Supervisor. Students will work independently to carry out an in-depth study of a problem or application within the area of maritime management and fully document and present their findings. Preferably the problem will be directly related to a workplace situation. The resulting paper will be evaluated by two examiners.



# Course Selection Chart

## MASTER OF MARITIME MANAGEMENT

	Project Option	Course Route
<b>Core Courses</b>	Complete 4	Complete 4
MSTM 6041 Marine Policy	X	X
MSTM 6042 Business of Shipping/Transportation of Goods	X	X
BUSI 8104 Organizations: Behaviour and Structure	X	X
BUSI 8209 Leadership and Interpersonal Skills for Managers (Pre: BUSI 8104)	X	X
<b>Elective Courses: Category A</b>	Choose 1	Choose 1
BUSI 8106 Marketing		
BUSI 8107 Managing Ethics and Responsibility		
BUSI 8109 Accounting for Management		
BUSI 8204 Human Resource Management (PR: BUSI 8104)		
<b>Elective Courses: Category B</b>	Choose 1	Choose 1
MSTM 6023 Strategic Planning, Policy, Participation and Management in Technical Operations		
MSTM 6034 Project Management in the Offshore, Health, Fisheries and Engineering Technology Environments		
MSTM 6039 Sustainability and Environmental Responsibility		
<b>Elective Courses: Category C</b>	Choose 2	Choose 4
MSTM 6027 Coastal and Ocean Environmental Policies		
MSTM 6043 Marine Law		
MSTM 6044 Marine Environment Law and Pollution Control		
MSTM 6045 Port Operations and Management Environment		
MSTM 6046 Information Systems in the Marine Environment		
MSTM 6047 Maritime Security and Event Investigation		
MSTM 6048 Emerging Issues in International Marine Transportation		
MSTM 6049 Maritime Risk Analysis and Management		
<b>Project in Maritime Management</b>	Complete	
MSTM 6101 Project in Maritime Management (6 credit hours)	X	

# How to Apply

Applications are accepted three times a year. Applicants should submit their application to Memorial University's School of Graduate Studies by the following deadlines:

- Fall admission – June 30
- Winter admission – October 15
- Spring admission – February 15

Applications received after listed deadlines will be considered as time and resources permit.

For more information and to apply online, go to:  
<http://www.mun.ca/become/graduate/apply/>



# Faculty

Faculty involved in the Master of Maritime Management program are experienced, trained and highly qualified. They are a dedicated group of professionals and academics who are eager to share their knowledge, skills, expertise and industrial experience. And, they are committed to the Fisheries and Marine Institute (MI) and its mission, vision and strategic objectives.

The Academic Director, Captain James Parsons, is a Master Mariner and holds a PhD from the University of Plymouth, England in Marine Transportation & Economics. Captain Parsons is from Lumsden, NL and grew up in the fishing industry. He is a graduate from MI and prior to receiving his Doctorate served at sea for 16 years on board various vessel types in worldwide trade with multinational officers and crews. Since returning to shore Captain Parsons has taught various subjects at MI and continues to hold his fingers on the pulse of the maritime sector.

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## Program Delivery and Support

The overall structure of the program is course-based with courses offered online by the Fisheries and Marine Institute and the Faculty of Business Administration at Memorial University. This is fully supported by Distance Education, Learning and Teaching Support (DELTS). Desire-to-Learn (D2L) is used as the main content delivery method and provides a virtual classroom for each course in the Program.

Students can avail of all the services and support offered by the Marine Institute and Memorial University including access to the extensive University Library System resources and Help Desk support available through DELTS for technical issues related to D2L.



# Master of Maritime Management

## Academic Director

Captain James R. Parsons, MM., BMS.,  
BEd., MSc., FCIP., CRM., PhD.

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[www.mi.mun.ca/mmm](http://www.mi.mun.ca/mmm)  
[www.mun.ca/become/graduate](http://www.mun.ca/become/graduate)



*The information provided here is subject to change. The University Calendar is the final authority on university regulations.*