

# MSc Global Shipping Management

## The Aim of the Programme

The programme aims to:

- Provide students with an enhanced base of knowledge and current and reflective practice necessary to initiate a career in Global Shipping Management at the Professional Manager level
- Enhance specialist knowledge in the area of Global Shipping Management which builds upon studies and undergraduate degree;
- Further develop improved skills of independent learning and critical appraisal;
- Develop an extensive insight into commercial global shipping applications and requirements;
- Develop critical insight of management issues related to the global shipping environment;
- Develop a comprehensive knowledge of leading edge ICT tools and techniques in a specific discipline;
- Provide the ability to progress to the next level of study as appropriate.

## Structure of the Programme

In order to achieve the Master award by the University of Greenwich students must complete eight core modules and an individual project under the guidance of a designated supervisor. The students are formally registered as students of the University of Greenwich.

## Courses

- Research Methodology – 15 credits
- Advanced Principles of Supply Chain Management – 15 credits
- Technical Elements of Ships, Maritime Policies, Conventions & Regulations and Maritime Security – 15 credits
- Maritime Economics and Global Business Management – 15 credits
- Strategy and Management – 15 credits
- Commercial Management of Ships – 15 credits
- Marine Engineering Law and Maritime Insurance – 15 credits
- Accounting, Finance and Business Planning for the Shipping Industry – 15 credits
- Individual Project – 60 credits

## Entry Requirements

- First degree in a science or technology discipline with at least a second class award or equivalent; or
- Merchant Marine or Royal Navy Officer Qualifications or overseas equivalent, with relevant sea experience and/or equivalent shore based work experience.
- ATOEFL score of at least 233 (CBT) or 79-80 (iBT)

## Duration of Programme

- One year (full-time)
- Two years (Part-time)

## Careers

The programme takes a strategic perspective of the maritime industry and places emphasis on the skills required for achieving the highest positions within this exciting industry. On completion of this programme, graduates will have detailed knowledge of shipping management in all sectors of a company (both on-board and ashore); have the academic knowledge and skills base to operate as an effective managerial professional in various departments and gain the necessary insight to meet everyday challenges faced.



**NEW YORK COLLEGE**  
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**UNIVERSITY of  
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## Core Course Descriptions

### Research Methodology – 15 credits

A thorough understanding of concepts and methodologies of research, and practicable transferable skills are essential for professionals involved in research and development projects. Such methods also form an essential part of the individual project undertaken on MSc programmes, which is itself research based. The aim of this course is to equip students with perspectives in the philosophy, methodology, project planning and transferable skills such as presentation and communication skills, group working and report writing required to undertake effective scientific, engineering and management research.

### Advanced Principles of Supply Chain Management – 15 credits

This course aims to provide students with broad understanding of logistics and supply chain management for strategic and tactical decision; to develop an introductory understanding of the unified and comprehensive logistics management environment; to develop students' abilities to reflect on the mechanisms and integration of the internal and external supply chain; and to develop student's critical appreciation of Information Technology Tools for implementing supply chain management techniques and its integration and synchronization with the enterprise.

### Technical Elements of Ships, Maritime Policies, Conventions & Regulations and Maritime Security – 15 credits

The aim of this course is to provide the student with the necessary critical knowledge in three key areas of shipping operations, namely a critical understanding of: i) the vessel's technical description and characteristics as a mode of transport of solid bulk, wet and unitized cargoes, ii) the Legal framework of operation as established by Policies, Conventions & Regulations and iii) the ever increasing importance of protecting merchant vessels against maritime security risks, with emphasis on hardening ships against the threats of piracy and terrorism.

### Maritime Economics and Global Business Management – 15 credits

This course is intended to prepare the postgraduate marine professional in his/her general functions within a ship-management environment, by providing him/her with a broad yet specific knowledge on a variety of maritime economics and global business management and business subjects surrounding the global maritime industry. S/he will develop in-depth appreciation of how the world markets operate and how specific financial management tools promote success and facilitate growth in this global industry. Furthermore, in successfully completing course, the student will be able to analyse how the global market has evolved in recent years, the drivers for this change and what effects this had in the structure and operation of global organisations. Furthermore, the course aims at providing the student with an in-depth understanding of the general issues that guide global industrialization and economic development thus building their confidence and skills, at a managerial level, and all facilitating their mobility within the global professional workplace.

### Strategy and Management – 15 credits

This course aims to develop an in-depth understanding of the strategic vision and the decision making process and the link with operational management; to develop the knowledge and skills required for measuring competitiveness and the impact of remote operating environments; to understand the boundaries and mechanics of the value chain; to understand the importance of the dynamic design of the portfolio of offers and the respective roles of the corporate parent and the strategic business units in the ownership of capabilities and competences and to comprehend the importance of corporate culture, the certainty of change and options available in the competitive arena. Furthermore, this course aims at understanding the role of stakeholders and the importance of issue handling, including corporate governance; understanding the importance of strategic planning, management and control and providing a conceptual framework as an underpinning for particular issues and examples.

### Commercial Management of Ships – 15 credits

The aims of this course are to provide the post-graduate student, about to assume a leading role in a maritime organisation, with in-depth knowledge on the various activities surrounding the commercial exploitation of vessels. Subjects include the sale and purchase of ships, their profitable chartering and employment in all common forms and types including time spent in ports. The course further investigates specific types of operations, such as liner and passenger trades and further presents an overview of niche cargo markets such as dry-bulk, tanker, container, short sea and inland waters. The impact of national, EU and International sea transport policies are examined, together with IMO regulations that dictate future terms of trade and developments in the design, technical and specifications of ships.

### Marine Engineering Law and Maritime Insurance – 15 credits

This course is intended to prepare the postgraduate student in their general professional functions within the maritime industry environment by providing him/her with a broad yet specific knowledge on legal, regulatory and insurance topics. After completing this course successfully, the student will become familiar and be able to navigate within the fundamental principles and jargon of the elements of English law applicable to the maritime industry and marine insurance and thus obtain knowledge that will undoubtedly prove essential in his/her professional activities onboard and ashore. It will further provide the essential degree of necessary confidence in dealing with situations that can potentially expose professionals to the world of claims and litigation, often feared by many practitioners of all disciplines.

### Accounting, Finance and Business Planning for the Shipping Industry – 15 credits

The course aims at providing the students with the necessary knowledge and skills that are related to the financial management of a ship-owning and a ship-management company, ranging from the basic nature of production of accounting reports to more complex issues of budgeting and financial aspect relating to the shipping industry, including ship finance options and hedging market risks. The importance of planning and the value of business plans are also highlighted both for cases of start-ups as well as for ongoing concerns faced by companies everyday.

### Individual Project – 60 credits

Independent project work is an essential part of Masters level study. The work undertaken within this course will be an individual piece of work. The subject area of the project will be consistent with the philosophy and aims of the chosen individual programme. In all cases the student will be expected to demonstrate elements of independent thinking consistent with the expected research content of a Masters level project. The student should also demonstrate the ability to report on the project and to present in lay terms the concepts underpinning the work and results.



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