

Master of Science in Maritime Science

Ghent University – Free University of Brussels

INFORMATION BROCHURE

GENERAL INFORMATION

The Master of Science in Maritime Science is an inter-university programme developed by Ghent University (UGent) and the Vrije Universiteit Brussel (VUB). It aims at students from diverse academic backgrounds, who have a common passion for maritime transport and already hold a Master degree. People working in the maritime sector may also benefit from the programme to enhance their knowledge and skills. The programme comprises three main pillars: a technical/general pillar, an economic/logistic pillar and a legal pillar, and follows the multidisciplinary approach which makes it unique in the global academic landscape.

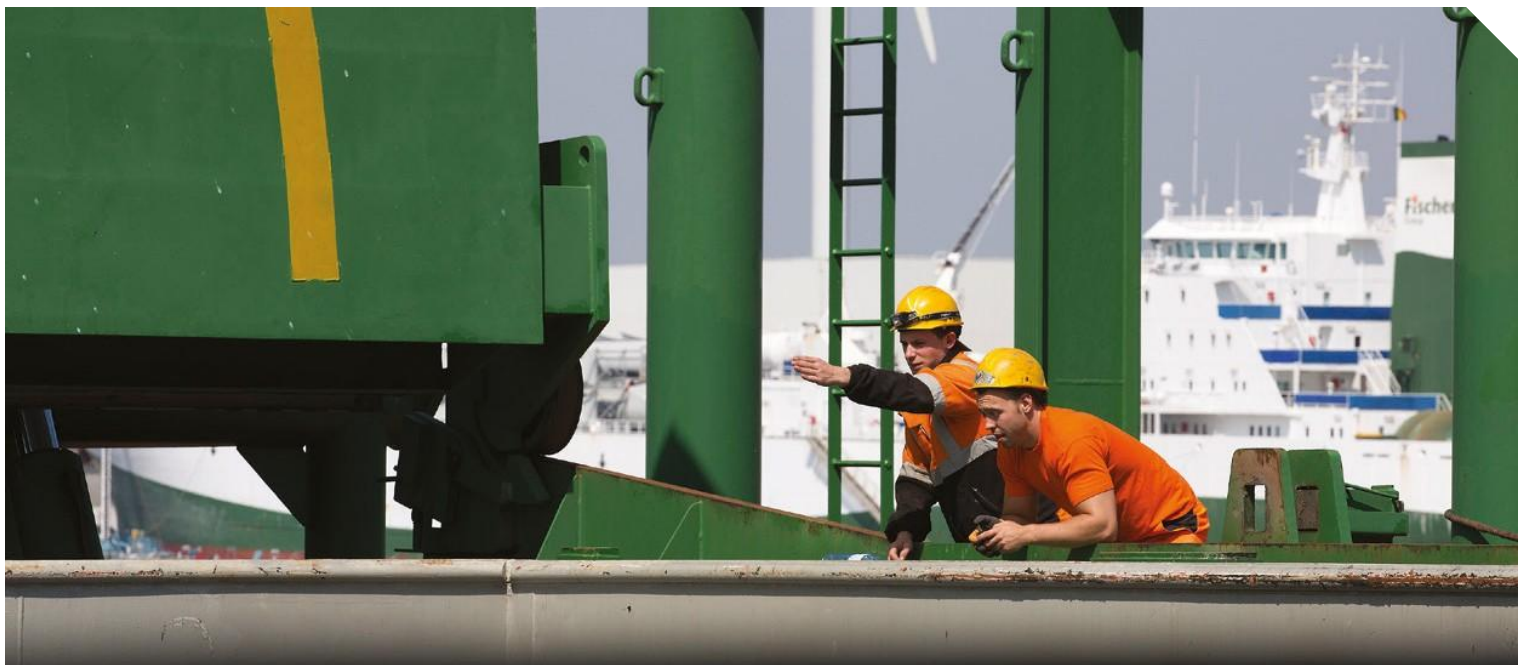
The programme is taught by experts with international acknowledgement and experience. The strong interaction with the maritime sector through guest lectures and field trips provides students with up-to-date information on ports and shipping.

All courses are offered in English, as the maritime sector operates in an international environment. It is therefore essential that students are able to use the English terminology in a correct and efficient way.

CURRICULUM

The programme is built on a methodical framework, consisting of two course types: compulsory courses (39 CP) and optional courses (6CP). The compulsory courses represent the core of the programme, while the optional courses offer the students a way of exploring possible future (career) paths and allow for specialization in a certain aspect of the maritime world. The three pillars are represented in both types.

The courses are supplemented by the submission of a master's thesis on a maritime or transport oriented topic (15 CP). In this written dissertation, students prove their ability to analyse a specific topic thoroughly and independently. At an oral presentation, students have the opportunity to clarify their research and defend their findings.



THE THREE PILLARS

THE TECHNICAL/GENERAL PILLAR

of the programme covers the typical technical infrastructure and facilities in ports, the scientific and technical principles that govern ships and contemporary problems ports may encounter.

Compulsory Courses:

- Ship Technology
- Port Technology
- Contemporary Port Problems
- Study Trip and Field Trips

Optional Courses:

- Port Planning
- Port History

THE ECONOMIC/LOGISTIC PILLAR

intends to familiarize students with the unique economic character of marine transport, which is a global phenomenon with very specific dynamics. Therefore it is crucial that students learn about the economic principles that govern and affect port authorities, shipping companies and transport firms.

Compulsory Courses:

- Transport Economics & Policy
- Maritime & Port Economics
- Supply Chain Management

Optional Courses:

- Urban Mobility and Logistics
- Sustainable Mobility and Logistics (VUB)

THE LEGAL PILLAR

Of the programme aims at gaining an in-depth knowledge of the legal aspects of maritime transport

Compulsory Courses:

- Law of the Sea
- Maritime Law
- Transport Law

Optional Courses:

- Transport Insurance Law
- International and European River Law

STUDY PROGRAMME MASTER OF SCIENCE IN MARITIME SCIENCE

COURSES	LECTURER	SEMESTER	CONTACT HOURS	STUDY TIME	CREDITS
Compulsory courses					39
Port Technology	P. De Baets + P. Troch	1	45	150	5
Ship Technology	E. Lataire	1	45	150	5
Contemporary Port Problems	C. König	2	30	90	3
Study Trip and Field Trips	K. Willaert	Y	90	150	5
Transport Economics and Policy	F. Witlox	1	30	90	3
Maritime and Port Economics	T. Notteboom	2	45	120	4
Supply Chain Management (VUB)	H. Buldeo Rai	2	40	150	5
Law of the Sea	K. Willaert	1	30	90	3
Maritime Law	K. Willaert	1	30	90	3
Transport Law	K. Willaert	2	30	90	3
Elective courses					6
Port History	C. Koninckx	1	30	90	3
Port Planning	T. Notteboom	2	45	90	3
Urban Mobility and Logistics	G. Circella	1	30	90	3
Sustainable Mobility and Logistics (VUB)	C. Macharis	1	24	90	3
Transport Insurance Law	R. De Wit	2	30	90	3
International and European River Law	M. De Decker	1	30	90	3
Master's Dissertation					15
					60

STUDY TRIPS AND COMPANY VISITS

The academic activities are complemented with an annual multi-day study trip to London. This trip involves visits to organizations and companies that are actively involved in maritime transport, such as the International Maritime organization, the International oil Pollution Compensation Fund, the International Maritime Bureau, Lloyd's Register, Steamship Mutual, Intertanko, Inmarsat and others.

Furthermore, several shorter field trips are planned during the academic year, such as visits to North Sea Port, the port of Antwerp-Bruges, and Rotterdam, as well as to port-related shipping, handling and cargo generating companies in these ports (DFDS, Euro-Silo, Volvo Cars, ArcelorMittal, Sea-Invest, Stukwerkers, Lalemant, Galloo, etc.). The study trips and company visits are an integral part of the curriculum (5 CP) and are covered by the tuition fee.

ADMISSION CRITERIA

Due to the interdisciplinary character of the programme, the organizers choose to accept graduates from a wide range of educational backgrounds. Candidates should hold a master degree (any master degree following a bachelor degree.) However, in specific cases, after examination of their curriculum and acquired competences, candidates with a 4 year bachelor or an equivalent foreign degree may be admitted. Students who are graduating may apply and will be conditionally admitted, subject to the successful completion of their degree. Candidates must complete the online application form and submit all required documents by the application deadline. They will only be accepted after thorough screening and selection.

TUITION FEE

The tuition fee is € 7.079,40 for EEA-students and € 11.951,40 for non EEA-students. The costs of all study trips and company visits are included. Fees do not cover course materials or living expenses.

SCHOLARSHIPS

The programme is able to offer a limited number of partial tuition fee waivers for excellent applicants showing financial need. Application for this is possible by adding an additional motivation letter and relevant documents to your application file, demonstrating your financial need.

APPLY NOW VIA

www.maritimescience.ugent.be



FURTHER INFORMATION

Questions about the programme and the application procedure can be directed to:

maritimescience@ugent.be