GHENT UNIVERSITY

Course Specifications

Valid as from the academic year 2024-2025

Maritime and Port Economics (B001511)

Course size *(nominal values; actual values may depend on programme)*

Credits 4.0 **Study time 120 h**

Course offerings in academic year 2027-2028

A (semester 2) English Gent

Lecturers in academic year 2027-2028

Notteboom, Theo RE22 lecturer-in-charge

Offered in the following programmes in 2027-2028	**crdts**	**offering**
Master of Science in Maritime Science	4	A

Teaching languages

English

Keywords

Maritime economics, port economics, seagoing vessel, seaport, international and EU policy

Position of the course

To acquire profound knowledge and insight in current developments of the shipping and port sectors, based on transport economics as well as spatial and regional economics. These developments are furthermore situated in an international and European policy context.

Contents

1. The market environment of shipping and ports
2. Port and port system development
3. Port strategy, the role of port authorities, port planning, stakeholder relations management and port cluster management
4. Port competition and policy in Europe
5. Shipping markets in figures
6. The shipbuilding market
7. The shipbreaking market
8. Understanding shipping markets
9. The container shipping market
10. Liner service networks in container shipping
11. Economies of scale in vessel size
12. Hinterland transportation
13. Special issues:depending on time availability and student preferences a small selection of the following topics can/will be dealt with at the end of the course:

- Terminal concessions in seaports
- Terminal management
- Global terminal operators
- Dock labour
- Box logistics in shipping
- Flag choice
- Bunkering and bunker costs in shipping

Initial competences

Having a basic knowledge of economics

Final competences

1 Having profound knowledge and insight in current developments of the shipping

and port sectors, based on transport economics as well as spatial and regional economics

2 Having knowledge of the main principles governing maritime and port economics and having insight in the most important factors that influence their development.

3 Having knowledge of the most important global and European policy dimensions of shipping and ports and having insight in their relation with the economics of the sectors.

4 Being able to analyse and interpret real-life cases, using the concepts acquired during the course.

Conditions for credit contract

This course unit cannot be taken via a credit contract

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Group work, Lecture

Extra information on the teaching methods

Interactive lectures (questions, discussions, ...) on the different topics. Powerpoint presentations are used to support the lectures and discussions.

Study material

None

References

A large number of background papers and reports will be made available via Minerva at the start of the lecture series. These supporting documents will enable the students to have a more detailed understanding of the issues discussed during the lectures and in the powrpoint presentations.

Course content-related study coaching

An overview of the study material for the exam will be made available on Minerva
The lecturer is available for questions before, during and after the lectures

Assessment moments

end-of-term and continuous assessment

Examination methods in case of periodic assessment during the first examination period

Written assessment

Examination methods in case of periodic assessment during the second examination period

Written assessment

Examination methods in case of permanent assessment

Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible

Extra information on the examination methods

Written examination (65% of total grade), on the basis of the study material.
Written exam consits of open questions about the different topics that were discussed during the lectures and a number of terms that need to be explained in a few words.
Part of the final grade (35%) is based on the preparation and presentation of a group work focusing on strategic issues of a chosen seaport or shipping company.

Calculation of the examination mark

65% written exam; 35% group assignment (possible retake is a individual assignment)