

MMATM 24-25 - Port Economics and Business

AC Year 2024-2025

Credits:

Language of Instruction: English



Faculty

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Core competencies of the program, relating to this course:

Learning Outcome	How This Outcome Will Be Addressed in This Course
	<ul style="list-style-type: none">• insight in the way ports are functioning and the actors involved in them;• an understanding of the typologies with respect to port organisation and governance;• be acquainted with the latest developments in seaports and the impact those have on cost structures and revenues.

Course Content

Port history: importance and role of seaports

Port typology and actors

Port chain cost calculation

Port attractiveness, competition and marketing

Dock labour organisation

Technical-nautical services

Freight actor strategies

Passenger services

Port traffic forecasting

Port excursion 1

Port governance typology: role and strategies of port authorities

Port reform

Internationalization

Recent trends and evolutions

Port productivity

Port pricing

Port panel debate 1: port actors and operations

Local, national, EU and global policy-making for ports

Economic policy and regulation

Social, environmental and safety policy and regulation

The role of the European Union

Port stakeholder management

Port congestion management

Port infrastructure finance

Port terminal operations finance

Hinterland strategies

Hinterland terminal development

Port excursion 2

Port innovation strategies

Port innovation trends

Port environmental regulation and strategies

Port city-relationships

Port performance

Port monitoring

Port panel debate 2: port policy

Pre-requisites

speaking and writing of:

- English

specific prerequisites for this course

Having obtained a Master's degree according to the MATMM program admission conditions.

Method of Instruction

Method of Instruction	Description
Lecture	A lecture is a presentation given to a group of students, in which the lecturer conveys the material to the students. The students can be actively involved in the lecture by asking questions, participating in a discussion, completing a short assignment etc.
Guests Lecture	A lecture given by a guest lecturer.
Excursion	The students acquire knowledge, understanding and skills by studying applications or situations outside the classroom (e.g. a company visit)

Method of Instruction	Description
Business Game	A game with a business environment that can lead to one or both of the following results: the training of players in business skills (hard and/or soft), or the evaluation of players' performances (quantitatively and/or qualitatively).
Case Study	Students gain problem solving skills through analyzing concrete and realistic cases.
Presentation	A way for students to share with others what they have learned. It is also a chance to challenge and expand on their understanding of the topic by having others ask questions.
Paper	Students investigate a business problem and make a written report.

Assessment Method & Criteria

Method	Weighting	Retake Possible?
Group presentation	20	Yes
Individual exam	30	Yes
Group paper	50	Yes

Additional Information

Assessment criteria:

- Being able to show that the concepts introduced during the course have been acquired and understood.
- Being able to apply the port economics and business principles to a real-life port problem.
- Being able to present one's own findings in front of an audience composed of colleague-students, professors, and company / policy practitioners, and to debate one's own findings but

also those of others.

A powerpoint will be prepared and presented in groups, followed by separate questioning to the individual participants. Subsequently, two weeks after the course, unless indicated differently, the group paper needs to be submitted.

Required Study Materials

Course slides + notes

Course Planning

Date	Start Time	End Time	Session Topic	Teaching Mode	Instructor
1/13/25			Start of course - see schedule under 'Content'	Live F2F	Thierry Vanellander , Patrick Verhoeven, or guest lecturer
1/24/25			Exam day	Live F2F	Thierry Vanellander , Patrick Verhoeven, or guest lecturer

Academic Integrity

This course is subject to the Code of Conduct and the Examination Regulations of Antwerp Management School. The full text of these documents can be found at <https://www.antwerpmanagementschool.be/en/general-conditions/general-education-and-examination-regulation>. Each student is expected to have read, understood, and to have approved these regulations.

In dit opleidingsonderdeel zijn de gedragscode en het examenreglement van Antwerp Management School van toepassing. De volledige tekst van deze documenten is te vinden op <https://www.antwerpmanagementschool.be/nl/algemene-voorwaarden/onderwijs-en-examenreglement>. Elke student wordt geacht dit reglement te hebben gelezen, begrepen en goedgekeurd.