

Port Economics and Business

Credits: 6

Language of Instruction: English

Faculty: Prof. Dr. Thierry Vanelslander & Prof. Dr. Patrick Verhoeven

Program Learning Outcome

- 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

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.
Guest 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).
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 (yes/no)
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 colleguestudents, 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

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.