

Transport Economics (F000627)

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

Credits 6.0

Study time 180 h

Course offerings and teaching methods in academic year 2025-2026

A (semester 2)

Dutch

Gent

lecture

Lecturers in academic year 2025-2026

Maes, Jochen

EB21

lecturer-in-charge

Offered in the following programmes in 2025-2026

[Bachelor of Science in Business Administration](#)

6

A

[Bachelor of Science in Business Economics](#)

6

A

[Bachelor of Science in Economics](#)

6

A

[Bachelor of Science in Economics \(Double Degree\)](#)

6

A

[Master of Science in Complementary Studies in Economics](#)

6

A

[Master of Science in Economics](#)

6

A

[Master of Science in Economics \(Double Degree\)](#)

6

A

[Elective Set Economics](#)

6

A

Teaching languages

Dutch

Keywords

Mobility, (sustainable) mobility, transport, logistics, economic applications

Position of the course

The course 'Transport Economics' aims to educate students in understanding the economic tools applicable to mobility (passenger transport) and transport (goods transport) as submarkets of the overall economy. The course provides students with a substantive theoretical foundation, for example, transportation costs and external costs. The series provides an overview of the subject matter and sometimes delves deeper, while also inspiring students with new developments. Throughout the course, students are introduced to various submarkets such as maritime transport, inland waterway transport, rail transport, public transport, and air transport. They become familiar with the issues that can arise at both a general level (climate problems, emissions, accidents, and traffic congestion) and within each submarket. Additionally, they learn approaches and potential solutions to these problems, ranging from pricing, infrastructure policies, and influencing the choice of transportation modes through diverse political strategies. Upon completing the course, students possess the ability to think critically and analyse various aspects of transport economics within a theoretical framework, drawing on examples from European and Belgian practices. They are also capable of presenting compelling arguments and offering nuanced discussions of problems and solutions

Contents

We distinguish different themes:

- Overview of the European transport sector (the traffic and transport system; the economic significance of the transport sector; the organization of transport in Belgium; the regulations in the transport sector, per market segment if appropriate).
- Demand and supply analysis (the demand for transport and the transport supply

- in different submarkets, equilibrium formation and market structure)
- Government steering in transport and mobility, transport policy (transport policy as part of general policy; charging of external costs; charging techniques and related measures; pricing policy; infrastructure policy)
- Specific applications (port economics; maritime economics; aviation economics; logistics; rail transport, public transport).
- Insight into innovations and trends in the transport economy.

Initial competences

A basic course on economics.

Final competences

- 1 To be able to apply standard economic tools to the transport sector in all its aspects; costing, cost-benefit, private and external costs
- 2 To be able to comprehensively explain the most important trends and developments in various sub-markets of the transport sector, identify problems and propose solutions
- 3 Nuanced argumentation about the broad transport and mobility policy in Belgium, and putting forward solutions and linking themes across various markets
- 4 Being able to independently analyse, describe and link a short case study with the series of lessons or a theory from it

Conditions for credit contract

Access to this course unit via a credit contract is unrestricted: the student takes into consideration the conditions mentioned in 'Starting Competences'

Conditions for exam contract

Access to this course unit via an exam contract is unrestricted

Teaching methods

Lecture

Extra information on the teaching methods

Lecture (active participation is recommended to better understand examples and ask in-depth questions)

Only in exceptional cases is the lecture organised online via live streaming.

Sometimes there is a guest lecture by an expert or fellow Professor.

Study material

Type: Handbook

Name: Blauwens, G., De Baere, P. and E. Van de Voorde, 2020, Transport Economics (seventh edition), De Boeck Publishers, Antwerp. (Via publisher Van Inn)

Indicative price: € 83

Optional: no

Language : English

Oldest Usable Edition : Blauwens, G., De Baere, P. and E. Van de Voorde, 2016, Transport Economics (sixth edition), De Boeck Publishers, Antwerp.

Type: Slides

Name: Extensive Ppt slides, are an explicit part of the course material

Indicative price: Free or paid by faculty

Optional: no

Available on Ufora : Yes

References

Will be announced at the beginning of the course.

Blauwens, G., De Baere, P. and E. Van de Voorde, 2020, Transport Economics (seventh edition), De Boeck Publishers, Antwerp. (Via publisher Van Inn)

Or

Blauwens, G., De Baere, P. and E. Van de Voorde, 2016, Transport Economics (sixth edition), De Boeck Publishers, Antwerp. Former version also is approved.

Extensive Ppt slides will be shared via Ufora, and are an explicit part of the course material

Course content-related study coaching

by appointment

Assessment moments

end-of-term assessment

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

Oral assessment, Assignment

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

Oral assessment, Assignment

Examination methods in case of permanent assessment**Possibilities of retake in case of permanent assessment**

not applicable

Extra information on the examination methods

Oral examination. 30 minutes for 2 questions + case study. With written preparation.

10 page paper on 1 current theme in the transport economy, free choice of subject. This paper will be the basis of a two-way conversation during the oral exam.

Calculation of the examination mark

End-of-term evaluation (100%)