

## Transport Economics and Policy (B001514)

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

**Credits 3.0**      **Study time 90 h**      **Contact hrs**      30.0h

**Course offerings and teaching methods in academic year 2022-2023**

A (semester 1)      English      Gent      lecture      30.0h

**Lecturers in academic year 2022-2023**

Witlox, Frank      WE12      lecturer-in-charge

**Offered in the following programmes in 2022-2023**

	crdts	offering
<a href="#">International Master of Science in Sustainable and Innovative Natural Resource Management</a>	3	A
<a href="#">Master of Science in Maritime Science</a>	3	A

**Teaching languages**

English

**Keywords**

Transport economics, transport policy

**Position of the course**

The course aims to help students in developing conceptual insights in transport economics and transport policy.

**Contents**

The following topics will be discussed:

1. Movement, transport & location
2. The demand for transport
3. Modelling the demand for transport
4. The direct costs of transport
5. The indirect costs of transport
6. Pricing of transport services
7. The nature of markets and public intervention
8. From economics to transport policy

**Initial competences**

Having a basic knowledge of economics

**Final competences**

- 1 Having insight in transport economics and transport policy
- 2 Being able to discuss and analyse topics that have a relation to transport, movement, location issues
- 3 Having developed a preference for analysis and calculation, rather than intuition
- 4 Being familiar with standard analyses, understanding their scientific foundation and practical applicability
- 5 Being capable of applying core transport economics and policy skills in order to understand the following issues:
  - Demand for transport
  - Direct cost of transport
  - External costs and pricing issues
  - Pricing of transport services
  - The nature of transport markets
  - Economics of transport logistics
  - Transport policy

**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**

Lecture

#### **Extra information on the teaching methods**

Standard teaching with discussion and interaction (oral explanations, case studies)

#### **Learning materials and price**

Button, K. J. (2010) Transport Economics (3rd Edition). Cheltenham: Edward Elgar.

Cost: 25 euro. This book is recommended but optional (not mandatory).

van Wee, B., Annema, J.A., Banister, D. (Eds.) (2013) The Transport System and Transport Policy. An Introduction. Cheltenham: Edward Elgar. (free downloadable from: [http://www.victorknoop.eu/research/papers/boek\\_vanwee.pdf](http://www.victorknoop.eu/research/papers/boek_vanwee.pdf)).

#### **References**

Quinet, E., Vickerman, R. (2004) Principles of Transport Economics. Cheltenham: Edward Elgar.

Rodrigue, J.-P., Notteboom, T., Shaw, J. (2013) The SAGE Handbook of Transport Studies. Los Angeles: Sage.

Blauwens, G., De Baere, P., Van de Voorde, E. (2020) Transport Economics. Antwerpen: Van In.

#### **Course content-related study coaching**

All information on the courses and the examination is shared via the online study platform

Students can contact the lecturer for additional information, explanation

#### **Assessment moments**

end-of-term assessment

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

Oral examination

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

Oral examination

#### **Examination methods in case of permanent assessment**

#### **Possibilities of retake in case of permanent assessment**

examination during the second examination period is possible

#### **Extra information on the examination methods**

Oral exam with written preparation, general questions (open book)

#### **Calculation of the examination mark**

100% oral exam