GHENT UNIVERSITY

# Course Specifications

Valid as from the academic year 2026-2027

## Transport Economics and Policy (B001514)

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

**Credits 3.0** **Study time 90 h**

**Course offerings in academic year 2027-2028**

A (semester 1) English Gent

**Lecturers in academic year 2027-2028**

Witlox, Frank WE12 lecturer-in-charge

| Offered in the following programmes in 2027-2028 | crdts | offering |
|---|---|---|
| Master of Science in Operations Research Engineering(main subject Manufacturing and Supply Chain Engineering) | 3 | A |
| Master of Science in Operations Research Engineering(main subject Transport and Mobility Engineering) | 3 | A |
| International Master of Science in Sustainable and Innovative Natural Resource Management | 3 | A |
| Master of Science in Geography and Geomatics | 3 | A |
| Master of Science in Operations Research Engineering | 3 | A |
| Master of Science in Operations Research Engineering | 3 | A |
| Master of Science in Maritime Science | 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)

**Study material**

None

**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.
Button, K. (2010). *Transport economics* (5th ed.). Edward Elgar Publishing.

**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 assessment

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

Oral assessment

**Examination methods in case of permanent assessment**

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

not applicable

**Extra information on the examination methods**

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

**Calculation of the examination mark**

100% oral exam