

## Transport Geography (C003058)

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

Credits	5.0	Study time	150 h	Contact hrs	62.5 h
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Course offerings and teaching methods in academic year 2019-2020

A (semester 1)	Dutch	seminar: coached	22.5 h
		exercises	
		lecture	40.0 h

Lecturers in academic year 2019-2020

Witlox, Frank	WE12	lecturer-in-charge
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Offered in the following programmes in 2019-2020

	crdts	offering
<a href="#">Bachelor of Science in Geography and Geomatics (main subject Geography)</a>	5	A
<a href="#">Bachelor of Science in Geography and Geomatics</a>	5	A
<a href="#">Linking Course Master of Science in Urbanism and Spatial Planning</a>	5	A
<a href="#">Preparatory Course Master of Science in Urbanism and Spatial Planning</a>	5	A

Teaching languages

Dutch

Keywords

Transport, traffic, mobility, mobilities, infrastructure, mode, accessibility, transport policy, logistics

Position of the course

The students are introduced in the broad domain of transport geography. The course's core deals with the spatial interaction between transport demand and supply (resulting from the transport network and nodes), and the interaction between space-human behaviour-technology.

This course contributes to the following competences of the program Bachelor of Geography and Geomatics: 1.1, 1.2, 1.4, 1.5, 2.1, 3.1, 3.2, 3.3, 4.1, 5.1, 5.4.

Contents

People move, and goods and information are moved. Although this assertion is self-evident, it involves a number of aspect. For instance, how does a transport and traffic system works? Which policy is being adapted to steer the mobility of people, goods and information? What are the effects of this policy approach on accessibility, safety, the environment, sustainability, and technology.

The course starts with an introduction of the conceptual framework and a geographical overview of available transport data. Attention is also paid to the difference between traffic and transport, and the different components of the transport system. What follows is an analysis of the demand-side, the supply-side and the market confrontation. The following subjects are discussed: explaining the demand for transport and how to model this, analyzing the supply of transport in relation to costs, and looking at the market structure. In addition, emphasis is also placed on the analysis of the interrelationship between transport and space (with attention to accessibility, transport and land-use), transport and economics, transport and technology. We will also discuss the Flemish transport policy (Mobility Plan Flanders)

Initial competences

Basic principles of social and economic geography, this means that you have passed the course 'Introduction to Social and Economic Geography' or you follow this course in parallel.

## Final competences

- 1 Handle transport data and statistics.
- 2 Interpret the scientific debate on transport and mobility problems.
- 3 Interpret the scientific debate on transport policy (at large) and in a Flemish setting.
- 4 Analyze and interpret the complex debate regarding the relation between land use and transport infrastructure.

## Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

## Conditions for exam contract

This course unit cannot be taken via an exam contract

## Teaching methods

Lecture, seminar: coached exercises

## Learning materials and price

Syllabus of lecturer at cost price (15 euro), slides used during lectures are made available via Ufora.

## References

An extended list of references can be found in the syllabus.

## Course content-related study coaching

Study coaching by teaching assistants (Ufora and scheduled appointment).

## Evaluation methods

end-of-term evaluation and continuous assessment

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

Oral examination

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

Oral examination

## Examination methods in case of permanent evaluation

Assignment

## Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

## Extra information on the examination methods

Oral examination with written preparation; questions are aimed at testing a student's overall insight. Students must take part in all parts of the evaluation process (i.e. exercises, assignments and oral examination).

## Calculation of the examination mark

Permanent (25%) and periodical (75%) evaluations