Course Specifications
Valid as from the academic year 2019-2020

Transport Geography (C003058)

Course size
Credits 5.0
Study time 150 h
Contact hrs 62.5 h

Course offerings and teaching methods in academic year 2019-2020
A (semester 1) Dutch
seminar: coached exercises 22.5 h
lecture 40.0 h

Lecturers in academic year 2019-2020
Witlox, Frank WE12 lecturer-in-charge

Offered in the following programmes in 2019-2020
Bachelor of Science in Geography and Geomatics (main subject Geography) 5 A
Bachelor of Science in Geography and Geomatics 5 A
Linking Course Master of Science in Urbanism and Spatial Planning 5 A
Preparatory Course Master of Science in Urbanism and Spatial Planning 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.

(Approved)
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
Examining 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