Course Specifications
From the academic year 2015-2016 up to and including the academic year 2018-2019

Urban Mobility and Logistics (C003534)

Course size (nominal values; actual values may depend on programme)
Credits 5.0 Study time 150 h Contact hrs 60.0 h

Course offerings and teaching methods in academic year 2018-2019
A (semester 1) English seminar: coached exercises 40.0 h
lecture 20.0 h

Lecturers in academic year 2018-2019
Witlox, Frank WE12 lecturer-in-charge

Offered in the following programmes in 2018-2019 crdts offering
Master of Science in Geography 5 A
Master of Science in Urbanism and Spatial Planning 5 A
Exchange programme in Geography (master's level) 5 A
Exchange Programme Urbanism and Spatial Planning 5 A

Teaching languages
English

Keywords
Transport and mobility, transport system, accessibility, transport and land use, congestion, urban freight distribution, transport policy, co-modality, sustainable transport

Position of the course
This course both acts as an introductory to transport and mobility, as is an advanced course on particular topics that focus on the interrelationship between transport and logistics.

Contents
The course consists of five major parts (in total 12 chapters).
Part I introduces a number of concepts. Attention is paid to “Transport and mobility” (chapter 1) and the “Transport system” (chapter 2).
In Part II the focus is on “Demand, Supply and the Markt”. Here attention goes to “Explaining and modeling transport demand” (chapter 3), “Supply of transport” (chapter 4), “Market structure” (chapter 5).
Part III focuses on “Transport and Space”, with attention to “Accessibility” (chapter 6) and “Transport and land-use” (chapter 7).
Part IV deals with “Spatial Logistics”. Here attention is paid to “Logistics and space” (chapter 8) and “Urban freight distribution” (chapter 9).
In Part V we focus on “Transport policy”. Here attention goes to “Instruments for transport policy” (chapter 10), “Multimodal transport” (chapter 11) and “Sustainable transport” (chapter 12).

Initial competences
Principles of social and economic geography, and economics

Final competences
1 The student should be able to defend propositions, argue.
2 The student should be able to it in topical matters.
3 The student should be able to frame the current events concerning the mobility debate.

Conditions for credit contract

(Approved)
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.

Extra information on the teaching methods
Theoretical exposé on various topics, discussion.

Learning materials and price
Syllabus lecturer(s) Cost: 15 EUR

References
References are included in the syllabus.

Course content-related study coaching
By AAP.

Evaluation methods
end-of-term evaluation

Examination methods in case of periodic evaluation during the first examination period
Written examination with open questions, oral examination.

Examination methods in case of periodic evaluation during the second examination period
Written examination with open questions, oral examination.

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation
not applicable

Extra information on the examination methods
Periodical: examination with written preparation. Details are not that important, overall insight prevails.

Calculation of the examination mark
50% task, 50% theory.

(Approved)