Course Specifications
Valid as from the academic year 2019-2020

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

Credits 3.0  Study time 90 h  Contact hrs 30.0 h

Course offerings and teaching methods in academic year 2019-2020

A (semester 1)  English  lecture  30.0 h

Lecturers in academic year 2019-2020

Witlox, Frank  WE12  lecturer-in-charge

Offered in the following programmes in 2019-2020

Master of Science in Maritime Science  crdts  offering

3  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 deals with selected topics that have a relevance to understand better understand mobility and logistics issues. The following topics are introduced/discussed:

- smart cities
- city logistics
- urban road pricing
- Mobility as a Service (MaaS)
- Transport Oriented Development (TOD)
- port-city relationships
- autonomous driving
- travel behaviour and lifestyle
- modal choice
- transport poverty

Initial competences

Knowing the principles of social and economic geography, and economics

Final competences

1. Being able to defend propositions and argue about the specific topics of urban mobility and logistics
2. Understanding topical matters of urban mobility and logistics
3. Critically reading, interpreting and evaluating texts about urban mobility and logistics
4. Being familiar with the core principles of urban mobility and logistics and being able to apply these in concrete cases

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

(Approved)
Teaching methods
  Lecture
Extra information on the teaching methods
  Theoretical exposé on various topics, discussion and seminar
Learning materials and price
  Syllabus and slides on Minerva (free of charge).
References
  References are included in the syllabus
Course content-related study coaching
  Students can contact the lecturer and assistant(s) for additional explanations
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
  examination during the second examination period is possible
Extra information on the examination methods
  Periodical: examination with written preparation. Details are not that important, overall
  insight prevails
Calculation of the examination mark
  100% oral exam