

## 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 2019-2020

A (semester 1)	English	lecture	20.0 h
		seminar: coached exercises	40.0 h
B (semester 1)		lecture	30.0 h

Lecturers in academic year 2019-2020

Witlox, Frank      WE12      lecturer-in-charge

Offered in the following programmes in 2019-2020

	crdts	offering
<a href="#">Master of Science in Teaching in Science and Technology (main subject Geography)</a>	5	A
<a href="#">Master of Science in Geography</a>	5	A
<a href="#">Master of Science in Urbanism and Spatial Planning</a>	5	A
<a href="#">Exchange programme in Geography (master's level)</a>	5	A
<a href="#">Exchange Programme Urbanism and Spatial Planning</a>	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 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 Critically reading, interpreting and evaluating texts about urban mobility and logistics

- 3 The student should be able to frame the current events concerning the mobility debate.

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

Extra information on the teaching methods

Theoretical exposé on various topics, discussion.

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

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

100% oral exam