



DEPARTMENT OF ECONOMY AND SOCIETY

KGG421 Transports, Society and Environment, 15 credits

Transporter, samhälle och miljö, 15 högskolepoäng

First Cycle

Confirmation

This course syllabus was confirmed by Department of Economy and Society on 2020-01-15 and was last revised on 2020-04-09 to be valid from 2020-08-31, autumn semester of 2020.

Field of education: Social Sciences 100%

Department: Department of Economy and Society

Position in the educational system

The course is given as first course during the 5th semester on School of Business Economics and Law's logistics program.

The course can be part of the following programmes: 1) Programme in Logistics management (S1LOM), 2) Bachelor's Programme in Logistic management (S1LOG) and 3) null (SLOGK)

Main field of studies

Human and Economic Geography

Specialization

G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Entry requirements

At least 60 credits in courses in the School of Business Economics and Law's logistics program.

Learning outcomes

On successful completion of the course the student will be able to:

Knowledge and understanding

1. have understanding of and be able to analyse the relationships between transports, transport systems, social progress and environmental impact at different geographic levels.
2. have thorough knowledge of the advantages and disadvantages of different transport kinds from a logistic and environmental perspective.
3. have knowledge of relevant concepts and concept definitions.

Competence and skills

4. be able to carry out a smaller work in groups by on the basis of the specialisation of the course formulate a problem area collect and process data and in writing present and analyse this.

Judgement and approach

5. be able to evaluate the advantages and disadvantages of different transport kind from a logistic and environmental perspective.
6. Reflect on his alone leadership and his professional development in relation to processes of change in the working life.

The course is sustainability-focused, which means that at least one of the learning outcomes clearly shows that the course content meets at least one of the University of Gothenburg's confirmed sustainability criteria. The content also constitutes the course's main focus.

Course content

The course is directed towards the understanding of the mutual dependency of the society, the infrastructure and the transports, the driving forces behind people increased mobility/mobility and the development of the goods transport, and the problems around the emergence of in the long term unsustainable transport systems and its environmental effects.

The initial part of the course treats the relationships between transports, mobility/mobility and the development of the society from a historical and a present times perspective. Here, the need of transport and infrastructure planning and the relationship of the infrastructure are also treated with and importance for the transports and the social progress.

In the remaining part of the course, the effects of the transports and the transport system on the environment are treated from a societal, business, and individual

perspective. Here, policy instruments, measures and changes are also treated (laws, technical improvements, behaviour, and other forms of "transport and mobility demand management") that aims to more environmentally sustainable transport systems and societies. Furthermore, the use of different modes of transport is treated along with the advantages and disadvantages of modes of transport from an environmental and business perspective and the problems around ecofriendly logistics.

Form of teaching

The teaching consists of lectures, external guest lectures, possible study visit, practical assignments and reflection workshops.

Language of instruction: Swedish

Assessment

Examination takes place through a written individual examination, written practical assignments and active participation in compulsory components. Students who do not participate in compulsory components must deliver supplementary assignments.

Through the examination, the intended learning outcomes should be tested on the basis of three knowledge fields: (i) facts- and concept knowledge, (ii) analysing knowledge and (iii) method -/accounting abilities.

Intended learning outcomes 6 are assessed partly through attendance at the compulsory reflection workshops, partly through submission of a written reflection.

Of resource reason can study visits, reflection workshops and exercises only be carried out and be assessed within the scope of the course instance.

Grades

The grading scale comprises: Excellent (A), Very good (B), Good (C), Satisfactory (D), Sufficient (E) and Fail (F).

To receive a Pass grade (A-E) in the course, attendance in compulsory components is required, a passed result in other assessing components and passed result in reflection workshops including written reflection. The grade in the course as a whole is combined by the result in the assessing components and is put in relation to established grading scale.

Course evaluation

At the end of the course, a course evaluation is carried out. Evaluation results and any changes in the course structure should be communicated to both the students who completed the evaluation and to the students who will start the course.