



## DEPARTMENT OF ECONOMY AND SOCIETY

### **KGA114 Sustainable Mobility -Drivers, Challenges, Responses, 7.5 credits**

Hållbar rörlighet - drivkrafter, utmaningar, lösningar, 7,5 högskolepoäng

*Second Cycle*

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#### **Confirmation**

This course syllabus was confirmed by Department of Economy and Society on 2015-09-23 and was last revised on 2018-10-16 to be valid from 2019-01-20, spring semester of 2019.

*Field of education:* Social Sciences 100%

*Department:* Department of Economy and Society

#### **Position in the educational system**

The course can be part of the following programme: 1) Master's Programme in Geography (N2GEO)

#### *Main field of studies*

Human and Economic Geography

#### *Specialization*

A1N, Second cycle, has only first-cycle course/s as entry requirements

#### **Entry requirements**

A Bachelor's degree in Human Geography, Geography or equivalent. Applicants must prove their knowledge of English: English 6/English B from Swedish Upper Secondary School or the equivalent level of an internationally recognized test, for example TOEFL, IELTS.

#### **Learning outcomes**

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

- explain the driving forces of mobility development in various contexts;
- account for how different forms of spatial mobility (i.e. physical transportation, virtual contacts, and media related communication) develop, interact and compete;

- describe how mobility is differentiated among the population and explain how this relates to social inclusion/exclusion;
- discuss significant policy and planning principles for sustainable transport development;
- discuss barriers and opportunities for sustainable mobility.

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 consists of two parts:

- i) The first part examines the role of human spatial mobility (e.g. transportation and ICT-use) as an integral part of urban and regional development, land use and accessibility. This includes theories of the drivers and limits of mobility growth, how mobility dependencies are built into people's everyday life and the structures of society, as well as the relationships between different forms of physical and virtual mobility.
- ii) The second part focuses how to achieve sustainable levels of mobility. It focuses how spatial mobility involves environmental, geographical and social problems, e.g., social exclusion according to gender, class etc. The course covers knowledge about planning strategies and planning measures to adapt the transportation systems and travel behaviour to environmental standards - and how individuals respond to various measures.

### **Form of teaching**

Forms of teaching are seminars and lectures.

*Language of instruction:* English

### **Assessment**

The learning outcomes are assessed through one course paper (home exam).

If a student, who has failed the same examined component twice, wishes to change examiner before the next examination, a written application shall be sent to the department responsible for the course and shall be granted unless there are special reasons to the contrary (Chapter 6, Section 22 of Higher Education Ordinance).

In cases where a course has been discontinued or has undergone major changes, the student shall normally be guaranteed at least three examination occasions (including the ordinary examination) during a period of at least one year from the last time the course was given.

**Grades**

The grading scale comprises: Pass with Distinction (VG), Pass (G) and Fail (U).

**Course evaluation**

The course will be evaluated by the end of the course. The results of the evaluation and possible changes to the course will be shared with students who participated in the evaluation and students who are starting the course.