



## DEPARTMENT OF ECONOMY AND SOCIETY

### **KGG951 Sustainable Urban Planning, 7.5 credits**

Hållbar urban planering, 7,5 högskolepoäng

*First Cycle*

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#### **Confirmation**

This course syllabus was confirmed by Department of Economy and Society on 2018-12-18 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**

*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**

Students should have successfully completed at least 60 hec in first cycle courses in Human Geography, Geography or equivalent.

#### **Learning outcomes**

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

*Knowledge and understanding*

1. Explain the key physical features of a sustainable city.

*Competence and skills*

2. Apply a range of planning techniques for assessing supply of infrastructure based on sustainable accessibility.

3. Using oral, graphic and analytical skills, propose measures for an integrated

approach to the provision of transport infrastructure and to land use transport integration, taking into account the impact of personal travel behaviour.

#### *Judgement and approach*

4. Differentiate the main responsibilities of planning agencies, including the regulatory framework, powers and ability to implement sustainable planning outcomes.

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**

How do we plan and design cities to be sustainable? This course considers cities from a multi-scalar perspective - working from the metropolitan scale, through the neighbourhood scale, right down to design of individual streets - as we explore the practice of planning with environmental and social sustainability as key drivers in the physical design.

It will cover issues such as: urban form and structure - compact city vs dispersed; living and working closer to home; human scale vs car scale; planning for activity vs. planning for traffic; reducing emissions, and preserving natural environment; sustainable mobility and accessibility.

#### **Form of teaching**

This course is taught in studio style in order to provide significant learning and engagement benefits to students. This means that the tuition pattern is mainly organised around lectures, workshops, experiential learning and field work. This provides the opportunity for students to investigate and apply the understanding gained from the introductory lectures and apply the principles to real world examples.

You will be assigned to a working group. Each group will work on a case study throughout the course. This case contains a defined area of the city which represents a particular set of built environment features and socio-demographic.

The course content is designed around the principles of cumulative learning. We will build from theory to practice.

*Language of instruction:* English

**Assessment**

The learning outcomes are assessed through the oral presentation of one poster, and a written report. The first assessment task is a small group assignment and the second assessment task is an individual assignment. For a Pass on the course, pass is required on both assessment tasks and participation on the compulsory studios and field visit. If a student has not participated in a compulsory activity a compensatory assignment will have to be fulfilled.

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

The two assessment tasks are graded and the course grade derives from the sum of grades. The first assessment task is a small group assignment. The second assessment task is an individual assignment.

**Course evaluation**

The course will be evaluated after completion. The results of the evaluation will be communicated to the students and will function as a guide for the development of the course.