

## **SGEL67, Urban Analysis with Methodological Applications, 15 credits**

*Urban analys med metodtillämpningar, 15 högskolepoäng*  
**First Cycle / Grundnivå**

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### **Details of approval**

The syllabus was approved by the board of the Department of Human Geography on 2016-04-05 to be valid from 2016-08-29, autumn semester 2016.

### **General Information**

The course is a compulsory component of the Bachelor of Science programme in Urban and Regional Planning.

*Language of instruction:* Swedish  
Some components may be in English.

#### *Main field of studies*

Human Geography

Sociology

#### *Depth of study relative to the degree requirements*

G1F, First cycle, has less than 60 credits in first-cycle course/s as entry requirements

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### **Learning outcomes**

On completion of the course, the students shall be able to

#### **Knowledge and understanding**

- demonstrate good knowledge of urban sociology and urban geography
- demonstrate good knowledge of quantitative and qualitative methods and of GIS (Geographic Information Systems)

#### **Competence and skills**

- demonstrate the ability to collect and analyse data
- demonstrate the ability to link concepts, theories and perspectives in urban sociology and geography to relevant methodological applications in empirical analyses
- demonstrate skills to use the methods presented in the course to identify and manage problems in a group project
- demonstrate the ability to work and cooperate in a group project within a predetermined time frame
- demonstrate the ability to link current planning problems to critical thinking and potential improvements
- demonstrate the ability to communicate the contents of the course in both speech and writing
- demonstrate the ability to critically review both academic and mass media texts related to the contents of the course
- demonstrate the ability to independently explore approaches to solve a project

### **Judgement and approach**

- demonstrate the ability to use different elements and methods of urban theory and methods introduced in the course to adopt a reflecting approach to documents for planning and designed plans

### **Course content**

The course includes assessment and application of Geographic Information Systems (GIS) and quantitative and qualitative methods focusing on urban planning and urban analyses. The students are to complete a major project in groups, in which they practise skills in linking theories, methods and analyses with regard to a current planning problem. Methods and theories are combined with meetings with practitioners and a field trip.

### **Course design**

The teaching consists of lectures, exercises, laboratory sessions, seminars, supervision and a field trip. The lectures introduce different course components and place them in a wider context, linking them together and facilitating literature studies. Exercises and the seminars are linked to the course project. The field trip is to introduce and specify the topic/s for the course project.

Unless there are valid reasons to the contrary, compulsory participation is required in the exercises, laboratory exercises, seminars and field trips. Students who have been unable to participate due to circumstances such as accidents or sudden illness will be offered the opportunity to compensate for or re-take compulsory components. This also applies to students who have been absent because of duties as an elected student representative.

### **Assessment**

The course is assessed through written and oral exams. The students' attainment of the learning outcomes is assessed through a written assignment, project work in groups and an individual take-home exam. Three opportunities for examination are

offered in conjunction with the course: a first examination and two re-examinations. Two further re-examinations on the same course content are offered within a year of the end of the course. After this, further re-examination opportunities are offered but in accordance with the current course syllabus.

*Subcourses that are part of this course can be found in an appendix at the end of this document.*

## **Grades**

Marking scale: Fail, E, D, C, B, A.

The highest grade is A and the lowest passing grade is E. The grade for a non-passing result is Fail. The student's performance is assessed with reference to the learning outcomes of the course. For the grade of E the student must show acceptable results. For the grade of D the student must show satisfactory results. For the grade of C the student must show good results. For the grade of B the student must show very good results. For the grade of A the student must show excellent results. For the grade of Fail, the student must have shown unacceptable results.

The written assignment is exempted from the grading scale above. The grade awarded for this component is Pass or Fail. For the grade Pass, the student must show acceptable results. For the grade of Fail, the student must have shown unacceptable results.

The calculation of the grade on the whole course is based on the student's result on the group project (60% of the final grade) and the take-home exam (40% of the final grade). The conversion of the grades on the course components to a grade on the whole course is based on a mathematical formula in which the letter grades are translated into the following figures: A=5.0; B=4.0; C=3.5; D=3.0 and E=2.5. The average for the assessed components is then calculated. Figures are rounded down, with the exception of the grade of A for which the figure of 4.5 and over is rounded up to A (see the board decision of 24 September 2012).

At the start of the course students are informed about the learning outcomes stated in the syllabus and about the grading scale and how it is applied in the course.

## **Entry requirements**

To be admitted to the course, students must have completed at least 45 credits of the first year of the Bachelor of Science programme in Urban and Regional Planning.

## **Further information**

The course may not be included in a degree together with SGEL08: Social Geography and Specialisation in Sociology: Urban Sociology with Method Applications (15 credits), SGEL27: Social Geography and Specialisation in Sociology: Urban Sociology with Method Applications (15 credits) or SGEL47: Social Geography and Specialisation in Sociology: Urban Sociology with Method Applications (15 credits)

## Subcourses in SGEL67, Urban Analysis with Methodological Applications

Applies from H16

1601 Urban Analysis with Methodological Applications, 15,0 hp  
Grading scale: Fail, E, D, C, B, A