



AG2809 Project Sustainable Urban Planning - Assessments, Plans and Processes 15.0 credits

Projekt hållbar stadsplanering - miljöbedömning, planer och processer

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for AG2809 valid from Autumn 2014

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Built Environment

Specific prerequisites

Similar to the Master Programme Sustainable Urban Planning and Design. Passed the courses AG2805 Sustainable Planning and Design, AG2171 Futures Studies and Forecasts, AG2806 Environmental Aspects of the Built Environment or equivalent knowledge.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The purpose of the course is to integrate knowledge and skills gained during previous courses and to apply these to a planning situation in a professional manner.

After finishing the course, the student should be able to:

- Develop and use explorative and normative futures studies as a planning tool for promoting sustainable urban development.
- Select the appropriate methods and tools to use in order to promote sustainable urban development in a given planning situation, identify when in the planning process they should be used, and use them to propose concrete measures to be taken.
- Identify and analyse the actors, in terms of formal and informal roles, relationships and power, in a given planning situation, and reflect upon what effects the actor setting might have for the carrying out of sustainable urban development.
- Identify potential macro- and micro level drivers and barriers to change in a given planning situation and propose strategies to make use of, respectively overcome, these.
- Critically reflect upon how the choice of method, tool and theory affects the outcomes of a study.
- Select the most appropriate oral, text-based and visual way(s) of communicating individual and group work based on the target group and situation, and to carry this out in a professional way and be able to constructively and critically examine the work of others.

Course contents

The course has five parts that run partly in parallel:

1. Scenario analysis and scenario building
A number of scenario studies are analysed. Based on a given planning situation, explorative and normative scenarios are developed and used to develop a planning strategy.
2. Sustainability assessment
Established methods and tools for sustainability assessment are used to analyse how the produced planning strategy as well as other planning documents contribute to urban sustainable development.
3. Actor analysis
Established methods and tools for actor analysis are used to analyse actor settings from different perspectives.

4. Drivers and barriers

A given planning situation is analysed to identify drivers and barriers to sustainable urban development.

5. Communication

Scenarios, planning strategies and other material that have been developed during the course are presented to other students and/or practitioners at seminars. The work of other students are examined and suggestions for improvements are put forth.

Course literature

Meddelas senare

Examination

- PRO1 - Group Assignment, 7.5 credits, grading scale: A, B, C, D, E, FX, F
- SEM1 - Seminars, 5.0 credits, grading scale: A, B, C, D, E, FX, F
- TEN1 - Exam, 2.5 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Seminars and written assignments (SEM1; 5 cr), Project and studio work (PRO1; 7,5 cr), Written examination, (TEN1, 2,5 cr)

Other requirements for final grade

80% presence at all scheduled events

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.