



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.

Establishment

Course syllabus for AG2809 valid from Autumn 2011

Grading scale

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

Education cycle

Second cycle

Main field of study

The Built Environment

Specific prerequisites

Passed the courses AG 2805 Sustainable Planning and Design, AG2171 Futures Studies and Forecasts, AG2806 Environmental Spects of the Built Environment and AE2507 Strategic Environmental Assessment

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 into a professional planning report.

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

- Develop a strategic planning scenario, using elements of forecasting and backcasting
- Compile a scenario narrative, incorporating measures as well as actors
- Assess environmental and sustainable development aspects of such a scenario
- Integrate scenario narrative, background facts and assessments into a report
- Present findings to planners
- Critically assess the work of other students and practitioners

Course contents

The course has five parts:

1. Critical review of scenario reports
Reports e.g. produced during the course Sustainable Planning and Design are analysed
2. Scenario building
A scenario is developed, based on a project theme, a case study area and a vision of a sustainable city. In the main, a backcasting approach is used.
3. Sustainability assessment
Established methods and tools are used to assess in what aspects and how much the scenario contributes to urban sustainable development
4. Strategic Environmental Assessment of the scenario
SEA methodology is used as a framework for a role game, resulting in a stakeholder-based assessment of the scenario
5. Scenario revision
The preliminary report is presented for other students and practitioners at a seminar. Based on comments and criticism the report is revised

Disposition

The five parts overlap, and have the following scope:

1. Critical Review - 2 weeks
2. Scenario Building - 6 weeks

3. Sustainability Assessment - 4 weeks
4. Strategic Assessment - 3 weeks
5. Scenario Revision - 2 weeks

Course literature

To be decided

Examination

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

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

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.