



AG2171 Futures Studies and Forecasts 7,5 hp

Futures Studies and Forecasts

Fastställande

Kursplan för AG2171 gäller från och med HT10

Betygsskala

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

Utbildningsnivå

Avancerad nivå

Huvudområden

Samhällsbyggnad

Särskild behörighet

A Bachelor's degree in architecture or landscape architecture, civil engineering in the built environment or equivalent, urban and regional planning or social sciences including courses corresponding to a minimum of 30 ECTS credits in the field of urban, transport or regional planning and economics, geoinformatics or environmental sciences. In addition ** documented proficiency in English B or equivalent (TOEFL, IELTS e g).

Undervisningsspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

Lärandemål

In this course, the students are trained to become users of futures studies in planning. They will not become experts in performing specific scenario studies, but they will get a broad knowledge on which methods are at hand. Thus, after the course, the students should have acquired a basic understanding of some fundamental methods of long-term planning.

More specifically the aims of the course are that the students should

- be able to explain the differences between various scenario approaches
- be able to use their knowledge regarding various types of scenario methods to critically analyse the use of scenario methods in various existing studies
- be able to point out risks and benefits with the methods presented in the course
- be able to choose a suitable scenario method for a specific problem
- have acquired a basic knowledge regarding existing techniques for scenario generation and be able to explain benefits and weaknesses with those techniques.
- be able to use their new skills both in writing and orally.

Kursinnehåll

The course Futures studies and Forecasts spans a wide array of issues, all of them relevant for planners' comprehension of the future. In the course, focus is on the understanding of some basic concepts in futures studies, such as scenarios, uncertainty and risk, and on how to deal with those.

The course will touch upon issues of quite different character – such as population forecasting, regional plans and other long-term issues.

The course works as a magnet for various such developments and places them in a common setting in order to help the student find methods to keep a long-term perspective on planning.

Kurslitteratur

The readings required for the course is a collection of articles, reports and excerpts from books. It consists of both texts on methods and of reports from projects relevant for the course contents. The required readings are collected in a special course binder, sold at the beginning of the course.

Examination

- LIT1 - Literature Assignments, 4,5 hp, betygsskala: A, B, C, D, E, FX, F
- LAB1 - Laboratory Work, 3,0 hp, betygsskala: A, B, C, D, E, FX, F

Examinator beslutar, baserat på rekommendation från KTH:s handläggare av stöd till studenter med funktionsnedsättning, om eventuell anpassad examination för studenter med dokumenterad, varaktig funktionsnedsättning.

Examinator får medge annan examinationsform vid omexamination av enstaka studenter.

När kurs inte längre ges har student möjlighet att examineras under ytterligare två läsår.

Övriga krav för slutbetyg

It is required to complete exercises involving different combinations of qualitative and quantitative analysis (LAB1; 3 cr) and to fulfil a literature assignment (LIT1; 4,5 cr). Both those exercises must be performed within a specified time period

Etiskt förhållningssätt

- Vid grupparbete har alla i gruppen ansvar för gruppens arbete.
- Vid examination ska varje student ärligt redovisa hjälp som erhållits och källor som använts.
- Vid muntlig examination ska varje student kunna redogöra för hela uppgiften och hela lösningen.