A31T1A Architectural Technology 3:1 Building, City, Process 6.0 credits

Arkitekturteknik 3:1 Byggnad, stad, process

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

Establishment

Course syllabus for A31T1A valid from Autumn 2012

Grading scale

P, F

Education cycle

First cycle

Main field of study

Architecture, Technology

Specific prerequisites

The student must be fully approved in the second academic year, courses and projects.

Language of instruction

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

Intended learning outcomes

In the modules outlined below students will:

PART 1: URBAN DESIGN AND INFRASTRUCTURE

- learn which professional practitioners handle which infrastructural systems in urban design

- explain base principles of these areas of knowledge and assess their impact on urban design

- make informed speculation on the relation between energy and the sustainable use of resources in urban design

PART 2: ECONOMICS, BUILDING PROCESS AND GOVERNANCE

- describe building processes in relation to economics, law and architecture

- discuss the use of rule systems to govern building processes

- make informed speculation on the relation between economics and the sustainable use of resources in building processes

- hypothesise on how consultant roles effect such decision making processes

Course contents

To show how urban organisation and design effect energy use. To understand **t**he challenge that the environmental agenda presents to the construction industry.
Course type: workshops + lectures.

Course literature

Anges vid kursstart.

Examination

- MOM1 - Moment 1, 6.0 credits, grading scale: P, 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

The learning outcomes are examined through the records of the design process, and through the outcomes of the course specified assignments. To achieve the approved level (pass) students must have approved tasks, including 80% attendance at lectures, seminars, tutorials and reviews.

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.