A31T2A Architecture Technology 3:2: Building, City, Process 3.0 credits

Arkitekturteknik 3:2: Byggnad, stad, process

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

Establishment

Course syllabus for A31T2A valid from Autumn 2011

Grading scale

P, F

Education cycle

First cycle

Main field of study

Architecture

Specific prerequisites

The student must fulfill the curricular requirements for the third year.

Language of instruction

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

Intended learning outcomes

- investigate how energy-use and building physics conditions the appearance, organisation and construction of projects at urban scale.

- investigate how structural, material, energy and environmental engineering principles can inform design decisions in the individual candidate thesis project

- apply knowledge of material capacity, fabrication process, environmental and structural design to a detailed study of the candidate exam project.

- produce a technical report

Course contents

To communicate key concepts which bind together structural and environmental engineering and architecture operatively in an architectural design project. To complete a detailed design study within the candidate exam. The course consists of workshops and lectures.

Course literature

Information will be given at the start of the course.

Examination

 • MOM1 - Moment 1, 3.0 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.