



# 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.

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

## Establishment

Course syllabus for A31T1A valid from Autumn 2019

## Grading scale

P, F

## Education cycle

First cycle

## Main field of study

Architecture, Technology

## Language of instruction

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

## Intended learning outcomes

In the course outlined below students will learn to:

- describe the system of urban building and its administration in relation to economics, law and architecture.
- chart different technical and infrastructural conditions in a specific area and place a building/block/district in an urban context.
- apply the basic principles of building technology on a specific assignment and from this develop spatial and structural qualities.
- motivate choices of systems and materials for solutions in general and in detail and to use tools, working processes and methods for this purpose.
- apply rules of thumb for building physics, building technology and building statics.

## Course contents

The course gives an overview over urban infrastructures and systems and their connection to single buildings within Urban Planning, the over all theme of Study Year 3. The course also looks back to the Architectural Technology of Study Year 1 and 2 and the tools and method used therein

Course type: workshops + lectures.

## Specific prerequisites

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

## Course literature

To be announced at course start.

## 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.

## 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) stu-

dents must have approved tasks, including 80% attendance at lectures, seminars, tutorials and reviews.

A reflection on the individual learning process must be handed in.

Special regulations for completion apply. The rules for completion can be found on the programme web.

## **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.