



# A21P2B Architecture Project 2:2 - Tectonics, Ornament, Trans- formation 5.0 credits

Arkitekturprojekt 2:2 - Tectonics, Ornament, Transformation

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 A21P2B valid from Spring 2023

## Grading scale

P, F

## Education cycle

First cycle

## Main field of study

Architecture

## Specific prerequisites

Project 2:1 (A21P1C) must be approved or assessed to be approved after completion.

## Language of instruction

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

## Intended learning outcomes

Through drawings, images, text and models, both physical and digital:

- Investigate the concepts of tectonics and ornament through studying an existing building, in drawing and in model.
- Master the basics in technical drawing and drawing standards, and acquire an understanding of the relations between drawings and different drawing scales.
- Acquire a deepened knowledge on the architectural detail through an investigation in drawing/model about its possible construction and expression.
- Design a smaller tectonic reconstruction that works as a transformation of the object of study.
- Discuss the application of life cycle analysis in the study object, proposal and/or the both.
- Describe and discuss the architectural qualities in the project in relation to the assignment.
- Compile the project to a presentation that includes a reflection over the result, references and a part of the process.

## Course contents

In a small renovation project, students explore tectonics, ornament, and transformation. The focus in the course is on the design of various building components and the connections between them, and on developing a fundamental understanding of lifecycle thinking in relation to architectural structure and the choice of materials and systems. Students problematize lifecycle thinking in relation to constructability, adaptability, and deconstruction (for reuse or recycling). They are expected to actively deepen their knowledge of a building's components and parts through studies of vertical and horizontal spatial and physical boundaries, and of the detailing of its walls, roof, floors, openings, stairs, and foundation.

## Examination

- APRO - Architecture project, 5.0 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

General:

Learning outcome objectives are tested in design projects throughout the entire undergraduate program through students' presentation of their process and results in assignments specified at the start of each course. To pass a course, students must also complete all assignments and have at least an 80% attendance at lectures, seminars, teaching opportunities, and assignment reviews.

Whether each student has fulfilled the learning objectives is determined by the examiner in conference with other faculty. They evaluate the student's performance based on the following four parameters:

1. The student's working process, project development, and questioning, and his or her documentation of these.
2. The student's ability and skill to satisfactorily use and handle relevant representational forms and techniques and other design tools based on lectures, assignments, and learning objectives.
3. The student's final presentation, the project's qualities and possibilities, based on the student's architectural and artistic exploration.
4. A reflection on the individual learning process must be handed in.

The project must be conducted within the given time frame of the course.

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.