



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 Autumn 2019

Grading scale

P, F

Education cycle

First cycle

Main field of study

Architecture

Language of instruction

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

Intended learning outcomes

Students learn to use drawings, images, text, and both physical and digital models to:

- analyze relevant references for the project and articulate their position relative to them;
- describe how they have used tectonics, ornament, and transformation in the project to form their own tectonic proposal for a renovation;
- gain deeper knowledge of architectural detailing through the use of course reading materials and through an exploration of details and their possible composition and design;
- problematize and demonstrate the application of lifecycle thinking in their projects;
- develop terminology to describe and discuss the architectural qualities of the project; and
- reflect on and evaluate the results and their working methods.

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.

Specific prerequisites

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

Course literature

To be announced at course start.

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.