A21P3C Architecture Project 2:3 Material, Space, Detail 12.0 credits

Arkitekturprojekt 2:3 Material, rum, detalj

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 A21P3C valid from Spring 2023

Grading scale

P, F

Education cycle

First cycle

Main field of study

Architecture

Specific prerequisites

Approved project 2:1 (A21P1C). Projekt 2:2 (A21P2B) 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

After the course the student should be able to

- Investigate and articulate the relation between material, space and detail and the climate conditions that are created through the design of a smaller architectural project.
- Discuss, show and describe how the own project affects its environment and how the environment affects the building project.
- Discuss, show and describe which rooms and sequences of rooms that have been created in the assignment.
- Describe and discuss the architectural qualities in the project in relation to the assignment.
- Discuss and present the principles of construction of the project and how the climate protection works in the project, in a technical drawing of a section.
- Discuss relevant references for the project and articulate the position in relation to these.
- Reason about how sustainability issues (climate, social, economic) relate to the project work.
- Compile the project to a presentation that includes a reflection of the result, references and a part of the working process. Compile the project to a portfolio format, together with the other projects/courses during the academic year.

Course contents

Through a small design project, students gain a deeper understanding of materials, space, and detail, and learn to articulate the relations between them. They generate and work with the various climatic conditions of the microclimate. Students explore the concept of materials—how they are manufactured, their physical properties and sensory qualities—through specific assignments and field trips. They develop their project's central detail in a methodical process involving studio exercises with support from instructors. They study climate conditions in relation to architectural qualities. The course focuses particularly on representing and examining space—spatial connections, spatial effects at different scales—in dialogue with discussions of how space is composed.

Examination

- APRO - Architecture project, 12.0 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 entireundergraduateprogram 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.