A11P3B Architecture Project 1:3 Living, Working, Climates 16.0 credits

Arkitekturprojekt 1:3 Boende, arbete, klimat

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 A11P3B valid from Spring 2023

Grading scale

P, F

Education cycle

First cycle

Main field of study

Architecture,Technology

Specific prerequisites

Approved project 1:1 (A11P1B). Projekt 1:2 (A11P2B) 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

- Edit, design and present an architectural proposal for a dwelling, related to materials and measurements and complex spatial program, at a given site.
- Study and understand the materials used in architecture, their measurements and consequences when using them.
- Problematize the concept of dwelling, in relation activities, climate, structure, site et cetera.
- Draw plans, sections and elevations.
- Use architectural (and other) references to investigate architectonic qualities.
- Reflect and assess on the result and working process and compile the result into a portfolio, together with previous projects/courses from the academic year.
- Understand and use the introduced architectonic concepts, as well as others, to describe and discuss architectonic qualities.

Course contents

As part of the main first-year design studio project, students conduct a study of the relationships among housing, work, and climate by designing a building for an urban environment based on a complex building program. They study and organize aspects and issues of housing, work, and climate using the concepts activity, structure, and place. Climate is also illuminated by allowing sun, wind, and temperature conditions to inform the design with the goal of creating a good micro-climate and energy-efficient design. Gender and power perspectives are illuminated by problematizing the normative aspects of housing design, and these perspectives critically inform the design process. An important element in the working process is the gathering of references that complement and illuminate relevant typologies and can inform the design of the project.

Examination

- APRO - Architecture project, 16.0 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 three 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.