



LTH

FACULTY OF
ENGINEERING

Course syllabus

Arkitektur, baskurs D (åk 1) Architecture, Basic Course D1

AAHA30, 18 credits, G1 (First Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED A

Date of Decision: 2023-03-28

General Information

Main field: Architecture.

Language of instruction: The course will be given in Swedish

Aim

One of four basic courses during the student's first two years, this course aims to give him or her step-by-step a basic knowledge and ability to use an architect's equipment and understand the arts of giving architectural form and perceiving spatial conditions, and how individual buildings and towns are technically built and used.

The student learns how with these means to give form to buildings and built environments in a spatial context by working and investigating creatively, to take account of various factors in expressing architectural ideas; and to use drawings, sketches, models, written texts and images to communicate with others.

This basic course (D) emphasizes the urban building's relationships to the architectural conditions of the town in which it is located.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

individually, but with support from a teacher

- describe the fundamental preconditions for urban design.

- describe and analyze an urban environments architectural qualities, giving particular attention to movement patterns, spatial sequences, light and materials and, in his or her individual project, balance these aspects against one another in giving form to the object of the project
- choose and present building materials and its architectural effects from the points of view of sustainability, its character and expression and its significance for those who experience it.
- understand and describe the meaning of a plan, a section, an elevation and a site plan drawing.

Competences and skills

For a passing grade the student must

individually, but with support from a teacher

- in a given spatial and architectural urban context, design an uncomplicated public urban building in a way that expresses an architectural idea.
- employ a functional program so that the building can satisfy both visitors and those who work in it;
- compose and proportion its volumes and facades so that it relates harmoniously to its immediate urban surroundings.
- propose a design based on a discussion on social and cultural assumptions about how an urban building can affect a town and its inhabitants.
- in both a discussion of the buildings of an existing urban area and the presentation of an individual project, use relevant architectural and urban-building terms and concepts.
- use oral communication skills in order to clarify the content and characteristics of the project.
- by means of drawings and models, make an oral presentation of a public building for his or her fellow students and their teachers; it shall be precise and expressive, as well as clear, well-ordered and deliberately thought-out graphically and it shall also exhibit various drawing techniques, of which one in particular reflects the student's personal ambition to use it to communicate his or her project.
- using appropriate drawings and models and make an oral presentation of a public building for his or her fellow students and their teachers. The presentation should mediate the architectural ideas clearly, correctly and in a well-ordered way. It should also demonstrate a well-developed precision, firmness of expression, and a deliberate graphical skill.

Judgement and approach

For a passing grade the student must

individually, but with support from a teacher

- compare and evaluate how various public buildings relate each to the public urban space in which each is sited and whether each affords unrestricted access to all members of the public, taking particular account of the architectural qualities of each, and the values that various groups of users place on it under various conditions.
- exhibit a well-developed creativity in dealing with assigned tasks.
- alter an existing project during the design process

Contents

Teaching proceeds in lectures, projects, exercises, seminars, study trips, workshops and written work. The main emphasis is on teaching students to consider and present

what they have learned in the form of drawings, models, sketches, images, texts and other relevant media. At the end of each term each student's work is assembled in a portfolio that is used in a pedagogic discussion with him or her.

The projects and exercises of the course focus on giving form to public buildings and their immediate surroundings. Each student shall investigate a building's functional, cultural and aesthetical qualities, the qualities of how it is designed, and how it relates to its location and context.

The course can include consideration of access to public buildings by physically-handicapped persons; theories of colour; theory; installation technology; exercises in digital presentation; relationships between buildings and their surrounding landscapes; and resolutions of questions about material that can affect architects and their work; as a consequence, the contents of the course can vary as between the three studios.

Examination details

Grading scale: UG - (U,G) - (Fail, Pass)

Assessment: To obtain a passing mark each student shall have made all submissions required; and handed in, and got approved, all projects and exercises and collected in a portfolio. In addition he or she shall have achieved at least an approved result on each examination; attended at least eighty per cent of all lectures, workshops and pre-arranged exercises with assistants in drafting and in learning to use computers. Examinations shall be made of individual and group-based work. To achieve a passing mark a student must have submitted and got approved his or her material, including all projects and exercises. In addition he or she must have attended at least eighty per cent of lectures, workshops and pre-arranged exercises with assistants in the drafting studio and in training on computers. The examination is of both individual and group work. Having been submitted before the date of the examination, project material is examined when the student presents it orally to his or her fellow students and their teachers who form for the occasion an assessment group. Within two weeks, the student is informed whether his or her project has Passed or Failed. Should it Fail, the examiner shall inform the student what is needed to achieve a Pass, and the student may be re-examined once he or she has done what is necessary. Other exercises can be examined in for example a seminar, a conversation with an examiner, or in writing.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Parts

Code: 0115. **Name:** Part 1.

Credits: 9. **Grading scale:** UG. **Assessment:** To obtain a passing mark each student shall have made all submissions required; and handed in, and got approved, all projects and exercises. In addition he or she shall have achieved at least an approved result on each examination; attended at least eighty per cent of all lectures, workshops and pre-arranged exercises with assistants in drafting and in learning to use computers.

Code: 0215. **Name:** Part 2.

Credits: 9. **Grading scale:** UG. **Assessment:** To obtain a passing mark each student shall have made all submissions required; and handed in, and got approved, all projects and exercises. In addition he or she shall have achieved at least an approved result on each examination; attended at least eighty per cent of all lectures, workshops and pre-arranged exercises with assistants in drafting and in learning to use computers.

Admission

The number of participants is limited to: No

The course overlaps following course/s: AAH145, AAHF05

Reading list

- The university provides compendia that contain practical instructions about and the theoretical background to the subjects to be studied.

Contact and other information

Course coordinator: Monika Jonson, monika.jonson@arkitektur.lth.se

Course coordinator: Nina Falk Aronsen, nina.aronsen@arkitektur.lth.se

Course coordinator: Jesús Mateo, jesus.mateo@arkitektur.lth.se

Course coordinator: Andreea Marcu, andreea.marcu@arkitektur.lth.se

Course homepage: <http://www.arkitektur.lth.se/index.php?id=91179>

Further information: One of four basic courses given the first and second year, this course is given in alternating years. Content and aim is shared with Architecture Basic course D2, though the learning outcomes differ.