

*Course syllabus*

# Avancerad arkitektonisk gestaltning I Advanced Architectural Design I

**AAHN02, 15 credits, A (Second Cycle)**

**Valid for:** 2023/24

**Faculty:** Faculty of Engineering, LTH

**Decided by:** PLED A

**Date of Decision:** 2023-03-28

## General Information

**Compulsory for:** MARK1

**Elective for:** A4

**Language of instruction:** The course will be given in English

## Aim

This course will support the student's ability to by an experimental way to explore architectural possibilities for the design of the building / buildings in a contextual framework tied to both the site and community. Artistically-based exercises confronts both designverktygens as building possibilities and limitations. The course will give the student the ability to challenge the prevailing paradigm in the field of architecture by new future aspects.

## Learning outcomes

### *Knowledge and understanding*

For a passing grade the student must

- demonstrate an understanding of the architectural design mixture potential to contribute to the development of society, as-built property, which long term quality improvement aspects were considered in.

### *Competences and skills*

For a passing grade the student must

- demonstrate skills in advanced and complex composite architectural design,

- demonstrate the ability to include adequate contiguous information in the design process,
- demonstrate the ability to transform a conceptual idea to a concrete architectural form;
- demonstrate ability in words, drawings and pictures to communicate their project.

#### *Judgement and approach*

For a passing grade the student must

- demonstrate the ability to analyze and process the appropriate strategic input values,
- demonstrate the ability to take an open approach to known and established aspects of the buildings and the urban room design and spatial context,
- demonstrate the ability to assess the value of concepts and results to a man tied to perspective,
- demonstrate the ability to critically evaluate one's own performance during the design process.

## Contents

The course aims to provide students with the means to develop a future-related architecture in the context of the dense city through the application of an exploratory laboratory work. Established hypotheses tested in a cyclic process to the results obtained with only the target is known. Continuous assessment will lead the design process on. Greater interaction with others, or adjacent disciplines included. International expertise involved in crucial moments. Teaching is in the form of projects where work is discussed from their practical and theoretical aspects. Architecture's relationship with the architect and engineer, tool highlighted as potential building provider capacity to achieve results. Supervision is provided regarding the practical application of knowledge in the architectural design of the building. Instruction is through individual and group exercises, seminars, lectures, visits and briefings. Concomitantly performed literature studies.

## Examination details

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

**Assessment:** Approved assignment tasks, approved examination project and and at least 80% active attendance at seminars, visits and lectures. Compulsory attendance at reviews. The qualities of the project assignment and presentation are evaluated and dicussed by an examination team comprised of the course examiner, lecturers and external critics after which the examiner decides if the project is considered to fulfil the requirements for a pass. In the case of non-pass the student has the right to a new examination opportunity after any necessary amendment or re-formulation of the project. The examiner informs the student as to what is required in order to achieve a pass.

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.

## Admission

**Admission requirements:**

- ATHA10 The Theory and History of Architecture II (Year 2) or ATHA25 The Theory and History of Architecture IV (Year 2)
- ATHF01 The Theory and History of Architecture V
- AADA20 Digital Tools 5
- ASBF05 The Fundamentals of Urban Design
- AAHF01 Sustainable Technology in the Built Environment
- AAHF10 Sustainable Architectural Design
- ATHF01 The Theory and History of Architecture V
- ATHF05 The Theory and History of Architecture VI
- VBEA05 The Construction Process, Basic Course
- AADA25 Digital Tools 6
- AAHF35 Documentation and Communication
- AAHF20 Architecture - In Time and Space or AAHF26 Architecture - In Urban Contexts or AAHF30 Architecture - In the Contemporary

**The number of participants is limited to: 36**

**Selection:** Completed university credits within the program. Within programmes where the course is given as a mandatory or elective mandatory course students are guaranteed admission. There after priority is given to students enrolled in programmes that include the course in the curriculum.

**The course overlaps following course/s:** AAHN01

## Reading list

- Course compendium and supplementary literature, the contents of which vary according to the chosen theme of the year.

## Contact and other information

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

**Course coordinator:** Maria Rasmussen, maria.rasmussen@hdm.lth.se

**Further information:** The course "Advanced Architectural Design I, theory" is obligatory associated to this course.