



LUNDS UNIVERSITET
Lunds Tekniska Högskola

Course syllabus

Avancerad arkitektonisk gestaltning II **Advanced Architectural Design II**

AAHN06, 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

The aim of the course is to support the students' ability to, through iterations, explore the potential of architecture through the design of a building / buildings in a context related to site and society. Exercises of artistic character confronts both the tools of design as well as the potentials and limitations of building techniques. The course shall provide ability to students' to challenge existing paradigms within architecture out from future related aspects.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- demonstrate insight of the potential of architectural design in developing society, in its built reality, where long term quality raising aspects has been taken into consideration.

Competences and skills

For a passing grade the student must

- demonstrate skill in advanced and complex architectural design,
- demonstrate ability to include adjacent adequate information in the design process,
- demonstrate ability in transforming a conceptual idea to a tangible architectural proposal,

- demonstrate ability to communicate the project in text, drawings and images.

Judgement and approach

For a passing grade the student must

- demonstrate ability to analyze and strategically elaborate adequate initial values.
- demonstrate ability in having an open minded approach to known and established aspects related to the forming of buildings and urban spaces,
- demonstrate ability to judge the value of the concept and the final result in respect to a human viewpoint,
- demonstrate ability in critical evaluation of own work in the design process.

Contents

The aim of the course is to provide students' the tools to develop a future related architecture through an experimental and laboratory way of working. Hypothesis is tried out and examined in respect to the results in a cyclic procedure where only the final aim is known. A continuous evaluation leads the design process further on. Close interaction with other and adjacent disciplines are included. Internationally recognized competence participates in crucial moments. Teaching is given in the form of projects where the outcomes are discussed in its theoretical and practical aspects. The relation between architecture and architects, engineers and entrepreneurs potential to realize the result is examined. Instructions are given concerning the practical application of knowledge in the architectural design. Teaching is based on exercises executed individually and in groups, through seminars, lectures, visits and tutorial reviews. In parallel literature studies is carried out.

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 discussed 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: AAHN05

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: Maria Rasmussen,

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

Further information: The course is mandatory connected to "AAHN10 Integrated Design: Architectural Design – Structural Design, 7,5 hp”.