



Course syllabus

Det nya stadslandskapet Sustainable Urban Landscape

ASBN16, 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

Main field: Architecture with specialization in Sustainable Urban Design.

Compulsory for: MSUD1

Elective for: A4

Language of instruction: The course will be given in English

Aim

The aim of this course is to deepen the student's knowledge and understanding for landscape components as a point of departure and object for design measures. A further objective of the course is to help the student become well familiar with planning strategies for sustainable built environments in rural and semi-rural zones. In addition, the aim is to develop advanced skills on the part of the student in the design of long-term sustainable environments taking into account cultural environments and their surroundings.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- be able to demonstrate knowledge about goals, concepts and methods with regard to strategic sustainable development of urban landscapes and city regions;
- be able to display an understanding of the recreational value of the cultural and natural landscape.

Competences and skills

For a passing grade the student must

- be able to demonstrate the ability to analyse the built environment with regard to its interaction with surrounding areas of nature and landscape space as a whole;
- be able to demonstrate the ability to develop a strategy for sustainable urban and regional development at different planning levels;
- be able to demonstrate advanced skills in designing building and landscape components at different levels, from the regional to the local;
- be able to demonstrate the ability to communicate ones project in a qualified manner, both orally and visually.

Judgement and approach

For a passing grade the student must

- be able to display insight regarding the importance of the natural environment as a component for generating identity;
- be able to display insight regarding the importance of the natural environment for peoples' physical and psychological well-being;
- be able to demonstrate the ability to balance the relevant scientific, societal, aesthetic and ethical aspects in ones assessments while maintaining an overall perspective.

Contents

The focus of this course is on the design of the cultural and natural landscape. The predominant part of the course is a design assignment where the students propose new buildings in or adjacent to a large continuous landscape space. In the initial phase the overall environmental objectives for building development in the area are surveyed and problems are defined. The project area is studied and analysed with regard to the existing situation and current developments underway. Based on this analysis, an overall strategy for future building development is formulated, and during the next stage a smaller area is studied in more detail. At different stages themes dealing with sustainable landscape development are dealt with. The end result of the course is a proposal for an in-depth comprehensive plan for the entire space studied, in addition to a detail study in the form of buildings and possible landscape components. Support for the design assignment work is provided by the knowledge and theoretical content included in the parallel course *ASBN11 The New Urban Landscape – Theory and Methods*.

Examination details

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

Assessment: Approved assignment work, approved completion of the project task and at least 80% active participation at seminars, lectures and group presentations. 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 a non-pass the student has the right to a new examination opportunity after any necessary amendments 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: ASBN15

Reading list

- Course compendium and supplementary literature, the contents of which vary from year to year.

Contact and other information

Course coordinator: Andreas Olsson, andreas.olsson@abm.lth.se

Course coordinator: Teresa Arana Aristi, teresa.arana_aristi@abm.lth.se

Further information: Obligatory for those participating in this course is the theoretical course ASBN11 The New Urban Landscape – Theory and Methods. It is also appropriate to take these courses together with course ASBN26 Landscape Architecture and Garden (7,5 hp).