

*Course syllabus*

# Det nya stadslandskapet - teori och metod

## Sustainable Urban Landscape - Theory and Method

**ASBN11, 7,5 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 course sets out to develop the students' knowledge of the theoretical premises for sustainable design in rural and urban contexts as well as in transition zones. A further aim is to expand the students' knowledge about the prerequisites and problem structures related to landscape design and knowledge about methods for qualified landscape analysis. In addition, the objective is to enhance the students' ability to reflect critically about current trends with regard to rural development, and the landscape as a resource for recreation and outdoor life in a regional perspective.

### Learning outcomes

*Knowledge and understanding*

For a passing grade the student must

- be able to demonstrate in-depth knowledge about the ecological and cultural prerequisites for sustainable design in urban areas, in transition zones and in the landscape;

- be able to demonstrate an understanding of the necessity and character of the interplay between buildings, the landscape and infrastructure in order to generate the premises for the development of sustainable buildings inside and outside urban areas.

#### *Competences and skills*

For a passing grade the student must

- be able to demonstrate the ability to analyse, interpret and discuss the theoretical premises for planning in various kinds of cultural and natural landscapes;
- be able to demonstrate the ability, both orally and in writing, to discuss strategies for landscape development in a critical and reflective manner;
- be able to demonstrate the ability to carry out qualified analyses of landscapes with regard to relevant aspects, such as biotopes, geological conditions and heritage values.

#### *Judgement and approach*

For a passing grade the student must

- be able to demonstrate a critical, independent and creative approach to theoretical and methodological premises for sustainable landscape design;
- be able to demonstrate insight into the necessity of basing landscape transformation processes in ecological and societal circumstances.

## Contents

This course is an in-depth theoretical and method oriented complement to course *ASBN15 Sustainable Urban Landscape*. It deals primarily with the theoretical premises for sustainable design related to the natural and cultural landscapes. Tuition is mainly in the form of lectures and seminars. The students are also given an orientation and training in the use of recognised tools and methods for analysing and visualising the landscape.

## Examination details

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

**Assessment:** Approved assignments and at least 80% active participation at seminars, lectures and presentations.

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:** ASB121, ASBN10

## 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](mailto:andreas.olsson@abm.lth.se)

**Course coordinator:** Teresa Arana Aristi, [teresa.arana\\_aristi@abm.lth.se](mailto:teresa.arana_aristi@abm.lth.se)

**Further information:** This course is an in-depth theoretic and method oriented complement to course ASBN16 Sustainable Urban Landscape (15 hp), the content is intended as an aid to the design assignment.