



Course syllabus

Hållbart stadsbyggande Sustainable Urban Design

ASBF10, 7,5 credits, G2 (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: Technology.

Elective Compulsory for: L3, V3

Elective for: W4

Language of instruction: The course will be given in Swedish

Aim

The aim of the course is to deepen the students' knowledge about the fundamental issues, theories and methods relating to urban design. It aims to increase the awareness of the relationship between strategic social development and physical design. A further aim of this course is to increase the student's understanding of the importance of the physical environment for peoples' well-being.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- be able to analyse the urban structure and its importance for long-term sustainability, attractiveness and strategic social development.
- be well acquainted with the levels, roles, problem complexes and methods related to the planning process.
- have gained insight into the importance of the physical environment for peoples' well-being.
- have gained knowledge about current and historical urban design ideologies and strategies.

Competences and skills

For a passing grade the student must

- demonstrate the ability to interpret, analyse and question the control mechanisms available to physical planning.
- demonstrate the ability to analyse urban space and urban contexts through the use of recognised methods.
- demonstrate the ability, orally and in writing, to reflect critically over the relationship of urban design to both the physical context and current and historical urban planning strategies.
- demonstrate the ability both orally and visually to communicate ones project.

Judgement and approach

For a passing grade the student must

- demonstrate a critical, independent and creative approach regarding the possibilities of urban design for creating attractive urban environments and long-term sustainable urban contexts.
- take into account relevant scientific, societal and ethical aspects in ones reasoning with regard to urban design.

Contents

The course has its focus on the theories, processes, actors and elements involved in urban planning. The course provides the students with the opportunity to deepen their knowledge and methods for the analysis of urban space as well as training their ability to reflection regarding urban environments and structures. The tuition is carried out in the form of lectures, study visits, studio assignments, workshops and individual thesis work. The course is conducted in an innovative spirit regarding the development of tuition and examinations.

Examination details

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

Assessment: Approved assignments, approved paper, approved theory test, active participation in excursions, seminars and group presentations and at least 80% attendance at lectures.

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

The number of participants is limited to: No

Reading list

- Compendiums the content of which vary from year to year.

Contact and other information

Course coordinator: Erik Johansson, erik.johansson@hdm.lth.se