



Course syllabus

Urban dynamik - teorier och tendenser

Urban Dynamics - Theories and Tendencies

ASBN41, 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.

Elective Compulsory for: MSUD2, MARK2

Elective for: A4

Language of instruction: The course will be given in English

Aim

The aim of the course is to enhance the student's orientation regarding current trends in the theory and practice of urban design. The aim is also to make the student become well acquainted with current research on sustainable urban development. In addition, this course sets out to discuss urban theories and relate these to various design strategies from a questioning and analytical perspective.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- be able to demonstrate an understanding the international urban development's dependence on cultural, socio-economic and ideological factors;
- be able to demonstrate in-depth knowledge of current international trends in the theory and practice of urban design;
- be well-acquainted with current research on sustainable urban development.

Competences and skills

For a passing grade the student must

- demonstrate the ability to discuss urban theories in a questioning and analytical manner, both verbally and in writing, and relate these to different design strategies;
- demonstrate the ability to carry out independently a study within the theme of sustainable urban design based on lectures and assigned literature.

Judgement and approach

For a passing grade the student must

- be able to demonstrate an analytical, critical, independent and creative approach to urban theories and ideologies;
- be able to demonstrate insight into the opportunities provided by urban design to influence peoples' psychological, economic, social and cultural welfare.

Contents

The focus of this course is on sustainable urban design and its content deepens and poses issues on current and historical trends and theories. The course provides students the opportunity to deepen their knowledge of current research within the broad field known as sustainable urban development. Tuition takes place primarily in the form of lectures, seminars and written assignments. The knowledge content provided by this course create a foundation for the work with visions and strategies in course ASBN31 Sustainable Urban Dynamics, which is studied parallel with this course.

Examination details

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

Assessment: Approved assignment task and at least 80% active participation at lectures, study tours and seminars.

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: 30

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: ASBN40

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@arkitektur.lth.se

Further information: This course is a theoretical and method oriented extension to ASBN31 Sustainable Urban Dynamics (15 hp).