



LUNDS UNIVERSITET
Lunds Tekniska Högskola

Course syllabus

Urban Shelter

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ABAN11, 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

Elective Compulsory for: MSUD2, MARK2

Elective for: A4

Language of instruction: The course will be given in English on demand

Aim

The main aim of the course is to give deeper understanding of urban shelter design in an international perspective with focus on the urban poor. The course also aims to develop and synthesize knowledge from previous courses by linking concepts and theories in architecture and planning to the current discourse on development and urban shelter.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

in writing, and with reference to relevant literature:

- * identify the most important factors shaping urban shelter design internationally
- * analyse the role of the architect in complex international situations and processes
- * propose criteria for the design of shelter and neighbourhoods that promote sustainable development.

Competences and skills

For a passing grade the student must

in writing, and with reference to course literature:

- * describe urban shelter design from a problem-oriented perspective

in drawings, and with reference to course literature:

- * design a high-density neighbourhood based of concepts and theories in urban shelter and urban planning
- * design a functional, comfortable and aesthetic building within a neighbourhood

Judgement and approach

For a passing grade the student must

- * discuss actively the role of the architect in an international perspective
- * dare to test new work areas, and even to work internationally.

Contents

The course deals with urban shelter design in an international perspective with focus on the conditions of the urban poor. How should architects work with urban shelter design now and in the future? The focus of the course is on the design of a housing area in a country in Africa, Asia or Latin America, where a field study will be carried out.

Sub-themes include use of public space, issues of safety and security, gender and physical planning, urban segregation, energy use and passive climatization of buildings and urban space, slum-upgrading, finance for low-income housing, organized self-help housing and the role of the architect in an international perspective.

The course is divided into three phases:

- 1 Preliminary studies (Lund).
- 2 Field study.
- 3 Applications and design (Lund).

Field studies of approximately four weeks will be done in a city in Africa, Asia or Latin America in cooperation with local authorities, companies and universities.

The design exercise includes planning a neighbourhood and designing a building. Presentation will be designs with descriptions and a short illustrated paper.

Examination details

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

Assessment: For a passing grade the student must attend at least 80% of the lectures, seminars, reviews and examinations. Approved presentation and submission of exercises and final project.

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: ABAN10

Reading list

- Correa, Charles: Housing and urbanization. Thames & Hudson Ltd London New York , 1999, ISBN: 0-500-28210-2.
- Åstrand, J (et al.): 11 Lyckade bostadsprojekt, En inventering av genomförda bostadsförbättringar i tredje världen. SADEL, 1988, ISBN: 91-86596-10-1. Reference literature.
- Åstrand, J (et al.): Construction in Developing Countries. Swedish Mission Council , ISBN: 91-85424-44-7.
- United Nations Human Settlements Programme: <http://www.unhabitat.org/>.
- United Nations Millenium Development Goals: <http://www.un.org/millenniumgoals/>.
- United Nations World Urban Forum: <http://www.wuf3-fum3.ca/>.
- Building issues: <http://www.hdm.lth.se/bi/INDEX.HTM>.
- Åstrand, J (et al.) : 11 Successful Housing Projects;, an inventory of implemented housing improvements in the Thirld World. SADEL, 1990, ISBN: 91-86596-11-X. https://www.hdm.lth.se/fileadmin/hdm/Publications/11_Successful_Housing_Projects_-_Johansson_B_and_AAstrand_J__1990__low_resolution_.pdf Reference Literature.

Contact and other information

Course coordinator: Laura Liuke, laura.liuke@hdm.lth.se

Course coordinator: Maria Rasmussen, Maria.Rasmussen@abm.lth.se

Course homepage: http://www.hdm.lth.se/education/undergraduate_courses

Further information: This course requires parallel participation in the elective course Urban Shelter Theory, 7.5 hp.