



**LUNDS UNIVERSITET**  
Lunds Tekniska Högskola

*Course syllabus*

## **Urban Shelter**

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**ABAN11, 15 credits, A (Second Cycle)**

**Valid for:** 2019/20

**Decided by:** PLED A

**Date of Decision:** 2018-12-07

### **General Information**

**Elective Compulsory for:** MSUD1

**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:**

- All of the mandatory courses in years 1-3, 165 credits, and one of the elective mandatory courses of 15 credits, AAHF20/AAHF25/AAHF26 or AAHF30. Or a Bachelor degree in Architecture / Landscape Architecture / Spatial Planning or Urban Design or equivalent

**The number of participants is limited to: 20**

**Selection:** Interview and previous credits for those who take the course as an elective.

**The course might be cancelled:** If the number of applicants is less than 12.

**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.
- 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>.

## Contact and other information

**Course coordinator:** Johnny Åstrand, [johnny.astrand@hdm.lth.se](mailto:johnny.astrand@hdm.lth.se)

**Course coordinator:** Laura Liuke, [laura.liuke@hdm.lth.se](mailto:laura.liuke@hdm.lth.se)

**Teacher:** Maria Rasmussen, [maria.rasmussen@hdm.lth.se](mailto:maria.rasmussen@hdm.lth.se)

**Course homepage:** [http://www.hdm.lth.se/education/undergraduate\\_courses](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.