



## COURSE SYLLABUS

# Housing Design, 6 credits

*Bostadsplanering, 6 högskolepoäng*

---

Course Code:	TBUK15	Education Cycle:	First-cycle level
Confirmed by:	Dean Feb 9, 2015	Disciplinary domain:	Technology (95%) and social sciences (5%)
Valid From:	Aug 1, 2015	Subject group:	BY1
Version:	1	Specialised in:	G1F
Reg number:	JTH 2015/569-313	Main field of study:	Civil Engineering

---

### Intended Learning Outcomes (ILO)

After completing the course, the student shall:

#### *Knowledge and understanding*

- demonstrate knowledge about housing production as a societal process, from initial concept to design of the built environment
- demonstrate knowledge about Swedish and Western history of housing, from an architectural, technical and social perspective
- demonstrate knowledge about the Swedish legislation and standards on housing

#### *Skills and abilities*

- demonstrate ability to make a design proposal for a multi-family housing project, including functional, legislative, technical and aesthetic aspects
- demonstrate ability to make presentational drawings, comparable to a building permit application

#### *Judgement and approach*

- be able to identify, analyze and evaluate aspects on housing, supporting a sustainable development

### Contents

The course gives the student basic knowledge in housing planning and design, based on technical and qualitative aspects, with respect to legislation and standards, supporting a sustainable development. This includes:

- The history of housing from a Swedish and Western perspective
- Typologies of multi-family housing
- Qualitative aspects of housing design, focusing on floor plan solutions
- Aspects of sustainability relevant for housing
- Legislation and standards on Swedish housing design
- Project work and presentation
- Graphic presentation techniques, the ability to read and analyze drawings

### Type of instruction

Lectures, project work, field trip.

The teaching is conducted in English.

### Prerequisites

General entry requirements and completed courses in BIM Project 1, Modelling and Presentation - Architectural Engineering, 6 credits and Building Materials and Building Technology 1, 6 credits (or the equivalent).

### Examination and grades

The course is graded 5,4,3 or Fail.

Registration of examination:

Name of the Test	Value	Grading
Exercise	6 credits	5/4/3/U

### Course literature

The literature is preliminary until one month before the course starts.

Bra bostadsutformning:

Regler, kvalitet, kostnader och exempel för flerbostadshus

Förlag: Boverket 2003

ISBN-nummer: 91-7147-759-4

Bostaden och kunskapen (only Swedish students)

Författare: Antologi, Arkus i samarbete med Formas, Boverket m.fl.

Förlag: Arkus

ISBN-nummer: 978-91-973 626-7-2

Bostadsbestämmelser 2012 (only Swedish students)

Författare: Hans Örnehall

Förlag: Svensk Byggtjänst

ISBN: Latest Edition.

SIS Svensk standard (available at the university library)

SS 914221:2006 "Byggnadsutformning - Bostäder – Invändiga mått"

SS 914222:2006 "Byggnadsutformning - Bostäder - Funktionsplanering"