



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"