

SYLLABUS

Place Design I 7.5 credits

P7019A

Rumsutformning I

Course syllabus admitted: Spring 2012 Sp 3 - Present

DECISION DATE
2011-02-07

Place Design I 7.5 credits P7019A

Rumsutformning I

Second cycle, P7019A

Education level
Second cycle

Grade scale
G U 3 4 5

Subject
Arkitektur

Subject group (SCB)
Architecture

Entry requirements

General eligibility for approval includes knowledge in ArchiCAD or similar CAD application and basic ergonomics (Ergonomics for place design (A00XXA) or Ergonomics (A0007A)).

Selection

The selection is based on 30-285 credits

Examiner

Kristina Nilsson

Course Aim

The aim of this course is to provide each student with the necessary skills and methods to be able to look critically at the built environment and promote more evocative understanding of architecture.

This is achieved by:

- exposing the students to the fundamental and advanced tools (theories and techniques) used by architects and architectural engineers.

- advanced studies within the manipulation of form, environment, room design and layout, movement, the important role of ergonomics and its relation to core architectural principles architecture.

- case study analysis through study trips to local architectural examples.

Contents

Theoretical and practical application for

- Critically assesses the built environment.
- Circulation and light.
- The relationship of form and space.
- Building codes, environmental factors and site context.
- Place design for optimal functioning and aesthetic
- Digital visualization and reporting of a case study

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

In a course where skills will be trained it is important to have active exercises with many opportunities for feedback. Two exercises are scheduled during class time to provide the students with an opportunity to apply the learning of the theories taught while having access to direct feedback. Two assignments are then scheduled to test the abilities of the student and further integrate the application of theories to practice. Assignment 1 is a detailed analysis of 12 buildings comparing styles, entrances and other main architectural forms. Assignment 2 consists of a final case study presentation to be made by the students, a process that begins with an on-location analysis of an architectural building in conjunction with the teacher, followed by an explanation of the buildings current shortcomings and problems. The student is then expected to analyse the current situation using the tools provided during the lectures and design a solution. Oral and visual presentation of the group project work is required for the passing grade.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

A final examination worth 5 points is given at the end of the course.

This exam is divided into two parts; THEORY 3pts and CRITICAL ANALYSIS of architectural drawings 2 pts.

If any passing grade in any of the assignments or final exam are missing, no final grade will be issued until they are completed with a passing grade.

Transition terms

1214

Literature. Valid from Spring 2012 Sp 3

Architecture. Form, Space, and Order
Francis D.K. Ching

*Handouts are made during the course to complement the course literature.

Course offered by

Department of Civil, Environmental and Natural Resources Engineering

Items/credits

Number	Type	Credits	Grade
0001	Oral presentation of project work	3	G U 3 4 5
0002	Written presentation of project work	4.5	G U 3 4 5

Last revised

by Department of Civil, Environmental and Natural Resources Engineering 2011-02-07

Syllabus established

The syllabus has been approved by the Dept. of Human Work Sciences 2007-12-17