A42F4B Free Architectural Studio 4:4 12.0 credits

Fri arkitekturstudio 4:4

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for A42F4B valid from Autumn 2008

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Architecture

Specific prerequisites

Bachelor's Degree, or an equivalent level, within the field of Architecture.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

“Learning from China” (part2)

Overall goals
The project is part of the Urban Studio.
Studio Description: This studio discusses sustainable urban development in terms of globalization, climate changes, mega cities and urban strategies - transformed into new typologies and innovative urban design.
2. The course/project goal is to increase the student's knowledge in this area/field and skills/knowledge in the field of architecture in general. The students will enter the project with varying degrees of knowledge/skills and will subsequently end up at different levels at the end of the course/project.
3. The individual student must show an increase in the particular skills/knowledge offered in the studio and in the field of architecture in general.

Course goals
The work will further develop strategies and concepts from the Displacements: Learning from China (part 1) project.Student proposals will invent and re-think the way of shaping new urban forms. They will be encouraged to test possible
outcomes for new typologies and urban space in relationship to the forces that shape cities. The task is to search for new urban forms that would manifest a new thinking on the strategies on balanced relations between cities and natural resources.

Course contents

Displacements: “Learning from China” (part2)
A new city will be planned to accommodate the population displaced by natural and environmental disasters. Student proposals will test the balance between human activities, contemporary processes shaping the environment and and how they affect natural resources. Students will be constructing a range of hybrid systems that integrate architectural, technological and natural systems.

A new city according to a given program will be planned on the specific site along the Yangtse to accommodate the population of 100,000 displaced by the fluding caused by the construction of the Three Gorges DamStudent proposals will test the balance between human activities, contemporary processes shaping the environment and natural resources. Factors such as urban densities, social and economic forces, context of the site, various infrastructures,
forms of land ownership and urban regulations will be investigated. In that respect we will be constructing a range of new innovative hybrid systems which integrate architectural, technological and natural systems. We will place a strong emphasis on the testing of priniciples for new architectures as hybrids of natural and man made ecologies.
Throughout the process a great emphasis will be placed on finding a high degree of realism through experimentation.

Disposition

Group workshops in a studio
Lectures
Films
Literature Readings and Discussions
Study trip
Urban design Studio and Critique

Course literature

Required:
Sociopolis Project for the City of the Future, Vicente Guallart.
Superuse, Ed Van Hinte, Cesare Peeren, Jan Jongert, 0I0 Publishers 2007
Suggested:
Urban Mutations - Periodizations, Scale, MobilityEdited by Tom Nielsen, Niels Albertsen and Peter Hemmersam, The Aarhus School of Architecture 2004

Examination

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

The course consists of two parts; a fulfilled and delivered project work (9 credits) and a passed final assessment (3 credits). There is at least one intermediate assessment during the course.

Other requirements for final grade

a) Presentation requirements
Individual work to be presented on min. 3 - A1 format sheets.
Include edited relevant work from previous presentations.
(More detailed requirements to be issued two weeks before final presentation). Minimum requirements:
• Analytical diagrams, mapping studies of the site in plans and sections, scale: 1:400 -1:1000 or as required by the project scale
• Urban scale drawing of the proposal 1 plan and 1 section: 1:400 -1:1000 or as required by the project scale
• Plans of the typologies at 1:200 scale
• 2 sections and 2 elevations at 1:200 scale
• Developed 3D visualizations of the proposal at the urban scale(3d digital models, collage)
• 3D renderings of the propsal at the scale od the observer (perspective or axonometric)
• Images, samples, diagrams, and or details depicting ideas for material and construction methods.
• A physical model of the site and the conceptual model of the proposal at urban scale (1:400 to 1:1000) The presentation format for the final presentation will include a power point presentation of all individual work and printed material. All relevant video and photographic material dealing with analysis and the proposal is to be presented.

b) Examination
80% attendance. Active participation in lectures, tutorials, and seminars etc. Passed intermediate and final assessments. Compulsory attendance during the assessment reviews.
Completion: The project work shall be delivered and, if necessary, reworked within the set time limit. See general directions.
(Overall principle: Autumn term projects must be approved during the following Spring term: Spring term projects must be approved before the start of the following Autumn term. The reworked projects must be delivered at least one week before the time limit.)
The project work is to be documented in a portfolio, including drawings, analysis and models. The work process shall be legible.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.