AD2867 Sustainable Urban Planning and Design Studio 1.1- Textures 15.0 credits

Hållbar stadsplanering och stadsbyggnad studio 1.1- Texturer

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

Establishment

Course syllabus for AD2867 valid from Autumn 2016

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Architecture

Specific prerequisites

For students within the program:

A Bachelor’s degree (or equivalent) in Architecture, Landscape Architecture, Urban Design, Physical Planning or equivalent. While previous studies in the field of Urban Design or Architecture is not required, around 30 ECTS credits in design focused courses is heavily recommended. The studio will proceed with the expectancy that basic design skills and abilities can be developed at a Master's studio level. In admittance, priority will be given

to students with design studies experience who were selected for the design profile of the program through the submission of a portfolio.

For external students:

• A completed Bachelor Degree in Architecture, Landscape Architecture, Urban Design, or Physical Planning.

• Documented proficiency in English B or equivalent.

Language of instruction

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

Intended learning outcomes

The aim of this studio-based course is to give an introduction to urban planning and design strategies, introducing and investigating a series of forms in which they are materialized in the built environment. The students will be trained in thinking of urban form with a series of different foci investigating on the one hand how architectural concepts behave in the urban scale, and on the other, the complexity brought into the design process when acting in urban planning and design contexts. The course will also give insight in different media of investigation and presentation, hereby training and improving the use and understanding of a set of tools used in the design process, and in the process of translation between ideas, analyses, proposals, and projects. Seen through these different textures, the course will introduce participants into the social, cultural and political implications of urban transformation as well as provide training in analysing, describing and responding architecturally to urban spaces as a materialized textures.

Course contents

The studio-based course will give the participants insight into design strategies and processes for urban transformation. The main focus of the course is to introduce and critically discuss urban textures and how aspects of architectural design act in the scale and context of urban planning and design. This will be done through (1) focused workshops on a chosen aspect to go in-depth into its properties and conditions, (2) theoretical lectures, seminars, reading and writing, and (3) a contextualized analysis and proposal of change of a given area.

An area will be studied as different textures related to theories - such as mass and void, landscapes and flows, or programmed and emergent use - followed by a final project for a transformation into a sustainable urban setting, in a future where this has changed from an aim to a necessity. This will be followed by a written reflection of the relation between theory, analysis, and design proposal. Studio work builds on intense group and individual work in rapid parallel production, reflection, and alteration of analysis and proposal supported by continuous supervision, theory sessions, and presentations. Students can expect to not only work with digital tools but also physical models and other forms of representation so as to develop the understanding of and critical relations between question, media, representational form, and proposal.

The course will further serve as an introduction and overview of the basic tenets, disciplinary threads, and bodies of scholarship associated with the idea of urbanism with urban form and structure in focus but informed by other fields as geography, sociology and history. Integration of theory and design intends to enable students to adopt a critical & reflective perspective towards past & current urban design theories, pedagogies and practices on the ground, and to develop an in-depth and interdisciplinary approach toward a more meaningful urban design for the future.

Course literature

To be announced at course start

Examination

- MOM3 - Essay, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- MOM1 - Workshops, 4.5 credits, grading scale: P, F
- MOM2 - Project, 6.0 credits, grading scale: A, B, C, D, E, FX, F

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.

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

Other requirements for final grade

Students need to fulfil the following requirements in order to receive a pass (E):

• workshops (4,5 cr.), including active participation in supervision sessions and presentation of analyses and proposals

• design project examination MOM2: individual and / or group design resolutions (6 cr.)

• theory seminars and theoretical reflective essay MOM3: individual (4.5 cr.)

Assessment and grading (A–F) primarily comes from the design project, but is influenced by the work in the workshops and the essay. The grading focuses on consistency from concept through analysis to proposal, and premieres understanding of the complex interaction between urban textures resolved into a coherent proposal. Grading also premieres projects and essays that raise questions of what is a sustainable form of life, and lets this influence the proposal. In this, the grading focuses on the relation between these questions raised and the proposed solutions rather than the responses to the questions themselves.

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.