AD2862 Sustainable Urban Planning and Design Studio 1.2- Situations 15.0 credits

Hållbar stadsplanering och stadsbyggnad studio 1.2- Situationer

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 AD2862 valid from Spring 2024

Grading scale

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

Education cycle

Second cycle

Main field of study

Architecture

Specific prerequisites

Bachelor degree in Architecture, Landscape Architecture, Urban Design, or Physical Planning, but if free seats are available they can be offered to students with other background. In case the number of students exceeds the number of seats, a selection will be made based on following criteria:

1. Students who have a Bachelor degree in Architecture, Landscape Architecture, Urban Design, or Physical Planning and have been accepted to the program on grounds of the quality of the portfolio.

2. Attendance and performance in AD2867 Studio 1.1.

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 design-led research in urban planning and design, and to establish a broad understanding of the complexities of macro and micro practices on economic, political, social, environmental, and physical urban development. The studio will advance the students' tools to explore different artistic research methods and to enhance their own problem-formulation. The course will train participants as well in analysing, visualizing, and responding architecturally to urban and rural spaces as physical, cultural, political and social entities. Central to the course's learning is problem formulation, and after the course students will be equipped with knowledge and skills concerning how to formulate sustainability problems in such a way that they can be investigated and developed through design work.

Upon completion of the course, participants should be able to:

• formulate sustainable urban design problems in such a way that they (a) relate to wider sustainability and societal challenges in a productive way and (b) can be investigated and addressed through design proposals

• analyse a given spatial situation in relation to its cultural, socio-economic, political, and historic context taking into account issues of intersectionality (race, gender, class, power relations);

• visually and verbally demonstrate the connection and impact of different scales on urban design from micro to macro politics in respect to local, regional, national and global levels;

• develop a conceptual framework for design projects and to develop the project within this framework;

• identify and critically revisit the impact of concepts, methods, and outcomes of urban designs on everyday life, and reflect on the professions ethics and responsibility;

• represent and communicate project work so that it can be understood and evaluated by external critics and other audiences.

Course contents

Studio Culture: Central to the studio are the design projects, which are developed through a series of tasks and workshops. Projects involve collaborative and individual work, supported

by lectures, seminars, workshops, group and individual tutorials with tutors and external consultants. The studio will guide participants as they enter into dialogue with local actors, stakeholders, and peers; engage in reflection and a contemporary and situated discourse; and sharpen their critical thinking. The studio supports participants in formulating their own positions on the topical area. The SUPD program maintains a wide international network inviting professionals for guest lectures, seminars, workshops and critiques.

The studio is structured around a specific topic with reading seminars throughout the semester. During PRO1, the studio runs parallel with the theoretical module 'Theories of Science and Research Methodologies for Planning and Design', which explores theories and methodologies for research. The studio will develop, practice and apply, test, and adapt the knowledge on theories and methods of the theoretical module focusing on artistic, design-led and practice-based methods; , and different modes of representation. The studio will develop strategic proposals for rural and urban situations based on a thorough research process.

During PRO2, the studio will take the discourse on diverse urban social situations and economies as its point of departure for proposing situated urban p

Examination

- PRO2 - Project, 7.5 credits, grading scale: A, B, C, D, E, FX, F
- PRO3 - Project, 4.5 credits, grading scale: P, F
- SEM1 - Seminars, 3.0 credits, grading scale: P, 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.

Other requirements for final grade

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

• active participation in seminars (3 cr.)

• design project examination PRO2: individual and / or group design resolutions (4.5 cr.)

• design project examination PRO3: individual and / or group design resolutions (7.5 cr.)

Assessment and grading (A–F) take into account both designed resolutions, written, and oral achievements throughout the course on a holistic basis. The academic quality of the individual projects influences grading to 70%, but the student's efforts and ambitions to tackle a perhaps difficult subject matter is taken into full consideration. Grading is consistent with the criteria set by Biggs, J (2003) Teaching for Quality Learning at University. Second Edition (The Open Society for Research into Higher Education & Open University Press, p 193).

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.