



AD2820 Structural Components in Urban Planning and Design

15.0 credits

Structural Components in Urban Planning and Design

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 AD2820 valid from Spring 2009

Grading scale

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

Education cycle

Second cycle

Main field of study

Architecture

Specific prerequisites

180 cr from architecture, landscape architecture or planning programmes on graduate level.

The courses “Concepts and Tools in Urban Analysis” (7,5 cr) and “Urban Theory, Advanced Course” (7,5 cr).

Language of instruction

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

Intended learning outcomes

The course presents students with an opportunity to explore deeper specific fields within urban planning and design, such as landscape planning, traffic planning and real estate analysis. It also provides the understanding of the interplay between such fields through practical work.

Course contents

In practical exercises and through selection of writings, the students are confronted by the conflicts and interplay between different aspects and perspectives. The aim is to deepen the knowledge and insights of the difficulties and possibilities of producing proposals that take into account the many facets of urban planning and design. The course will also give insights in the many interests and approaches in such projects, especially when it comes to the possibilities to integrate these in an urban structure. All components are to be related directly to urban space, its physical form and domains, as well as to social, economic and environmental aspects.

In the first period the students knowledge of different components is deepened, which can be seen as what Swedish comprehensive planning calls “public interests”. For example: housing, offices, retail, culture, public service, public space, traffic, technical support systems, ecology and historic landmarks. Students analyses as well as relevant literature is followed-up by worked-out proposals focusing on certain components or aspects (ideal plan). The course ends with proposals where all components and aspects are taken into account (synthetic plan).

Course literature

Boverket. 1996. Boken om översiktsplan Del 3 – Allmänna intressens behandling I översiktsplanen

Vägverket. 2005. Trafik för en attraktiv stad (TRAST) och liknande utdrag ur offentliga utredningar och forskningsrapporter.

Examination

- MOM1 - Moment, 15.0 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.

Other requirements for final grade

Examination seminar (critique)

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.