



# AM205U Construction and Design of the City 7.5 credits

Stadens design och byggande

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

## Establishment

Course syllabus for AM205U valid from Spring 2016

## Grading scale

P, F

## Education cycle

Second cycle

## Main field of study

Architecture, The Built Environment

## Specific prerequisites

Successful completion of higher education programme and the following courses:

Housing from A to Z (AM201U)

Construction economy, calculations and financing (AM202U)

Sustainable resource management in the construction sector (AM203U)

Complexity and conflicts in urban development (AM204U)

## Language of instruction

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

## Intended learning outcomes

Upon successful completion of the course the student will be able to:

Understand, explain, differentiate and synthesise the phases of design and construction in the city

Identify and understand the link between sustainability aspects and innovation in urban planning and urban development.

Describe and explain an urban development project from an urban development perspective to include: processes and parties, finance, design and sustainability and, in addition, a selection of technological solutions.

Identify existing and potential conflicts of interest and/or goals in an urban development project and, using a critical perspective, investigate to what extent these have impacted on the development of the project.

Integrate working experience and insights gained from earlier courses in the programme and formulate constructive proposals for optimising the process and results of an urban development project.

Reflect on own and other's professional roles in urban development project.

## Course contents

The course synthesises and builds on the knowledge gained from the first four courses of the programme (AM201U, AM202U, AM203U and AM204U). The course deals with the development of a city at district level and compares and problematises experiences of earlier courses.

The course includes a study trip and subsequent group project assignments. The course starts with a trip to a Nordic region urban development project (late stage) and subsequent group work on an early stage urban development project. Part of the course also involves a self-assessment and reflection on the proposal produced by the group, as well as how well the participant has integrated into the group and the role they have assumed.

## Course literature

Students are expected to search for literature and review literature within the given problem area.

## Examination

- PRO1 - Project, 5.0 credits, grading scale: P, F
- UPP1 - Written report, 2.5 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.

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

## 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.