



A52T1B Architectural Technology Research Studio 5:1 12.0 credits

Designstudion för Arkitekturens Interdisciplinaritet 5:1

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 A52T1B valid from Autumn 2010

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

Students who have completed this course should be able to

- Conduct general, targeted research within the given field
- Apply and account for studied concepts and tools to do with digital design and the given programmatic theme at a general level
- Explain and evaluate the impact of studied concepts and tools to architectural as well as structural design based on their current usage
- Communicate critical findings within the team and the studio

Course contents

The Architectures of Interdisciplinarity Design Studio seeks a holistic synthesis of technological investigation and design, using projective and case-based learning to research the socio-technological implications of design strategies.

Emphasis is placed on developing methodologies for testing projected proposals and for evaluating the relative value of quantitative and qualitative modelling.

The first semester of the studio will give an understanding of contemporary design tools and their architectural potential. Short design workshops exploring architectural concepts will be paralleled by technical training and research of current studio theme. 5th year students will in addition to the given semester brief consider individual interests in preparation for their diploma thesis.

Disposition

Workshops in a studio, tutorials, seminars, reviews.

Course literature

Will be announced at the beginning of the course.

Examination

- PRO1 - Project Part 1, 9.0 credits, grading scale: P, F
- PRO2 - Project, 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

At examination the student will be assessed on how she/he has fulfilled the "Learning outcomes".

80% attendance of all course events and pass level attainment in all studio assignments.

More specific course specific examination procedures to be announced at course start.

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.