



A52T2B Designstudion för Arkitekturens Interdisciplinar- itet 5:2 12,0 hp

Architectural Technology Research Studio 5:2

När kurs inte längre ges har student möjlighet att examineras under ytterligare två läsår.

Fastställande

Kursplan för A52T2B gäller från och med HT10

Betygsskala

P, F

Utbildningsnivå

Avancerad nivå

Huvudområden

Arkitektur

Särskild behörighet

Bachelor's Degree, or an equivalent level, within the field of Architecture.

Undervisningsspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

Lärandemål

Students who have completed this course should be able to

- Apply and account for the key concepts and methods to do with interdisciplinary design and the integration of processes and tools at a general level
- Apply a selection of tools and concepts in order to solve of design tasks
- Develop holistic methods for combining digital modelling methods with varying analytical capabilities
- Account for the specific issues associated with introduced programmatic conditions at a general level
- Explain and evaluate the potential of an interdisciplinary methodology and the integration of tools and processes to architectural, as well as structural and environmental design
- Apply all the above in a independent project (the diploma thesis)
- Communicate critical findings within the team and with any external consultants

Kursinnehåll

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 second semester of the studio will give an understanding of interdisciplinary collaboration supported by tools for design and analysis. A main design task based on the current studio theme will be developed with interdisciplinary support. For 5th year students this task can be selected individually, and should be developed as a preparation for the final thesis.

Kursupplägg

Workshops in a studio, tutorials, seminars, reviews.

Kurslitteratur

Will be announced at the beginning of the course.

Examination

- PRO1 - Projektdel 1, 9,0 hp, betygsskala: P, F

- PRO2 - Projektdel 2, 3,0 hp, betygsskala: P, F

Examinator beslutar, baserat på rekommendation från KTH:s handläggare av stöd till studenter med funktionsnedsättning, om eventuell anpassad examination för studenter med dokumenterad, varaktig funktionsnedsättning.

Examinator får medge annan examinationsform vid omexamination av enstaka studenter.

Övriga krav för slutbetyg

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.

Submit an A4 sized and bind ‘Thesis Preparation Booklet’ of 20 pages including text, images and drawings.

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

Etiskt förhållningssätt

- Vid grupparbete har alla i gruppen ansvar för gruppens arbete.
- Vid examination ska varje student ärligt redovisa hjälp som erhållits och källor som använts.
- Vid muntlig examination ska varje student kunna redogöra för hela uppgiften och hela lösningen.