

FCH3201 Planning and Design of New Work Environments 7.5 credits

Planering och projektering av nya arbetsmiljöer

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

Establishment

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Eligible for studies at the third-cycle level.

Language of instruction

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

Intended learning outcomes

- Describe and discuss design projects, project management and suitable activities and methods for various phases and contexts.
- Describe and discuss how different actors can be involved in a design project, what roles they can take on, and the political navigation within projects.
- Describe and evaluate different methods, models and tools for planning work environments, and to reflect on their usefulness and relevance.
- Describe and discuss planning work in practice and research in the field.
- Suggest how premises, workplaces and equipment can be designed in practical use, taking into account energy and sustainability aspects.

Course contents

- Planning process
- · Architectural drawings as documentation
- Regulations regarding the design of workplaces and premises
- Planning methods and tools, as well as examples of case studies
- The work environment in the planning and design of buildings, premises and workplaces
- The application areas covered include healthcare, industry and offices.

Examination

- PRO1 Project work, 3.0 credits, grading scale: P, F
- SEM1 Seminars, 2.5 credits, grading scale: P, F
- INL1 Assignment, 2.0 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.

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

Oral and written presentation of project.

Other requirements for final grade

Passed practices and active participation in seminars.

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.