



AI2805 Building Informatics and Logistics 7.5 credits

Byggandets information och logistik

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 AI2805 valid from Spring 2021

Grading scale

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

Education cycle

Second cycle

Main field of study

Built Environment

Language of instruction

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

Intended learning outcomes

The aim of the course is to develop the students' knowledge about IT from an organizational and strategic business perspective. After the course the students should be able to:

1. Describe and compare concepts and to organize and manage the information exchange in the design and construction process.
2. Select and evaluate strategies for IT-systems within firms and construction projects.
3. Relate to earlier research within IT-based construction project management.
4. Describe and explain how IT-based construction project management can contribute to a more sustainable construction process and built environment.

Course contents

Organization and management of information systems in the real estate and construction sector. BIM. Information standards. Industrial IT-platforms. Computer supported cooperative work.

Specific prerequisites

Eligibility to the master programme in Real Estate and Construction Management.

Examination

- SEM1 - Seminars, 2.5 credits, grading scale: P, F
- TEN1 - Examination, 5.0 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.

Examination is time-limited.

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.