



AI2806 Knowledge Management and Evaluation 7.5 credits

Ledning av kunskapsföretag

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

Establishment

The course syllabus is valid from Fall 2024 according to the Head of school decision: A-2024-0642 Decision date: 2024-03-15

Grading scale

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

Education cycle

Second cycle

Main field of study

The Built Environment

Specific prerequisites

Entry requirements to the Masterprogramme Real estates and building and completed course AI2810 Project communication or similar

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 prepare students for planning, managing, and participating in processes related to knowledge development, learning, innovation and change within, and in collaboration between, firms and other organizations in the built environment. After the course, students should be able to:

- Describe, analyse and evaluate theories and models for knowledge development, learning, innovation and change, and apply such theories and models to suggest strategies for specific situations in the construction and real estate sector, considering goals for social, environmental and economic sustainability.
- Search for, cite, integrate, analyze, evaluate and suggest research-based literature in the field covered in the course.

Course contents

- Concepts and theories of knowledge management, learning, innovation and change
- Innovation processes and innovation ecosystems in the construction and real estate sector
- Management and organization of processes relating to knowledge management, learning, innovation and change especially in real estate owner firms, consultancy firms and construction contractors
- Innovation in building projects and innovation projects
- Procurement and innovation
- Innovation and learning relating to goals for social, environmental and economic sustainability
- Apply the course contents in a project assignment

Examination

- ÖVN1 - Assignments, 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.

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

The 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.