



COURSE SYLLABUS

BIM - Management, Control and Evaluation, 7.5 credits

BIM - Management, Control and Evaluation, 7,5 högskolepoäng

Course Code: TBMS23	Education Cycle: Second-cycle level
Confirmed by: Dean Mar 1, 2022	Disciplinary domain: Technology
Revised by: Director of Education Nov 7, 2024	Subject group: BY1
Valid From: Jan 1, 2025	Specialised in: A1F
Version: 3	Main field of study: Built Environment

Intended Learning Outcomes (ILO)

After a successful course, the student shall

Skills and abilities

- demonstrate skills of BIM-based Coordination
- demonstrate skills of BIM-based Control of Information Deliveries
- demonstrate skills of data driven Evaluation of BIM-based project work

Judgement and approach

- demonstrate an understanding of the functions and use of Information Deliveries and Decision Points in the building process
- demonstrate an understanding of how research methods can be used to evaluate BIM-based projects

Contents

The course focuses on management and control in a BIM-based building project concerning Coordination, Information Delivery, Evaluation, and Decision Points.

The course includes the following elements:

- BIM coordination
- Information Deliveries
- Decision Points
- Evaluation of BIM-based project work

Type of instruction

The course consists of lectures, exercises, and seminars.

The teaching is conducted in English.

Prerequisites

Passed courses at least 90 credits within the major subject in Construction Engineering, Civil

Engineering, Built Environment, Architecture Engineering, Product Development (with relevant courses in lighting design) or equivalent and 15 credits in mathematics, and completed course BIM - Requirements and Specifications, 7.5 hp, or equivalent. Proof of English proficiency is required.

Examination and grades

The course is graded 5,4,3 or Fail.

Some course components, such as lectures, labs, or seminars, may be mandatory due to their unique and non-repeatable nature.

Registration of examination:

Name of the Test	Value	Grading
Project	7.5 credits	5/4/3/U

Course literature

The literature list for the course will be provided 8 weeks before the course starts.

Articles and course compendium free of charge.