

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: Mar 01, 2022	Disciplinary domain: Technology
Valid From: Jan 18, 2027	Subject group: Building Technology
	Specialised in: A1F Second cycle, has second-cycle course/s as entry requirements
	Main field of study: Built Environment

Intended Learning Outcomes (ILO)

On completion of the course the student shall:

Knowledge and understanding

- 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

Skills and abilities

- 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

Content

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.

Language of instruction is English.

Entry requirements

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 U.

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

Please note that changes may be made to the reading list up until eight weeks before the start of the course.

Articles and course compendium free of charge.