



## COURSE SYLLABUS

# **BIM - Management, Control and Evaluation, 7.5 credits**

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

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

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### **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:

<b>Name of the Test</b>	<b>Value</b>	<b>Grading</b>
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.