



## 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>Valid From:</b> Jan 1, 2023	<b>Subject group:</b> BY1
<b>Version:</b> 1	<b>Specialised in:</b> A1F
	<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, architecture engineering, 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.

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.