



## KURSPLAN

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

### **högskolepoäng**

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

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<b>Kurskod:</b>	TBMS23	<b>Utbildningsnivå:</b>	Avancerad nivå
<b>Fastställd av:</b>	VD 2022-03-01	<b>Utbildningsområde:</b>	Tekniska området
<b>Gäller fr.o.m.:</b>	2023-01-01	<b>Ämnesgrupp:</b>	BY1
<b>Version:</b>	1	<b>Fördjupning:</b>	A1F
		<b>Huvudområde:</b>	Bebyggd miljö

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### **Lärandemål**

After a successful course, the student shall

Färdighet och förmåga

- 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

Värderingsförmåga och förhållningssätt

- 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

### **Innehåll**

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

### **Undervisningsformer**

The course consists of lectures, exercises, and seminars.

Undervisningen bedrivs på engelska.

### **Förkunskapskrav**

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 och betyg**

Kursen bedöms med betygen 5, 4, 3 eller Underkänd.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Projekt	7,5 hp	5/4/3/U

### **Kurslitteratur**

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

Articles and course compendium free of charge.