



KURSPLAN

BIM - Management, Control and Evaluation, 7,5

högskolepoäng

BIM - Management, Control and Evaluation, 7.5 credits

Kurskod:	TBMS23	Utbildningsnivå:	Avancerad nivå
Fastställd av:	VD 2022-03-01	Utbildningsområde:	Tekniska området
Reviderad av:	Utbildningschef 2024-11-07	Ämnesgrupp:	BY1
Gäller fr.o.m.:	2025-01-01	Fördjupning:	A1F
Version:	3	Huvudområde:	Bebyggd miljö

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, 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 och betyg

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

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

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.