

## BIM project, part 2

BIM-projekt, del 2  
4 credits

Programme course

TNBJ05

Valid from: 2023 Spring semester

<b>Determined by</b> Board of Studies for Mechanical Engineering and Design	<b>Main field of study</b> Construction Engineering	
<b>Date determined</b> 2022-08-31	<b>Course level</b> First cycle	<b>Progressive specialisation</b> G2X
<b>Revised by</b>	<b>Disciplinary domain</b> Technology	
<b>Revision date</b>	<b>Subject group</b> Building Technology	
<b>Offered first time</b> Spring semester 2021	<b>Offered for the last time</b> Spring semester 2023	
<b>Department</b> Institutionen för teknik och naturvetenskap	<b>Replaced by</b> TNBJ42	

## Course offered for

- Bachelor of Science in Civil Engineering

## Entry requirements

BIM project, part 2

## Intended learning outcomes

The aim of the course is to be able to practically apply the BIM model in the execution phase of a construction project or parts thereof. After completing the course the student should be able to:

- apply BIM in the execution phase of a construction project
- value the level and benefit of using a BIM model.
- determine what is optimal utilization of BIM under specified conditions
- apply collision control for given input parameters

## Course content

Application of theoretical and practical knowledge in digital models as support in the construction process.

## Teaching and working methods

Project work in limited groups. The course starts HT2 with “BIM-project, part 1” and concludes VT1 with “BIM-project, part 2”.

## Examination

PRA1 Oral and written presentation of project Work 4 credits U, 3, 4, 5

Grades are given as “Fail” or “Pass”.

## Grades

Four-grade scale, LiU, U, 3, 4, 5

## Other information

### About teaching and examination language

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is “Swedish”, the course as a whole could be given in Swedish, or partly in English. Examination language is Swedish, but parts of the examination can be in English.
- If teaching language is “English”, the course as a whole is taught in English. Examination language is English.
- If teaching language is “Swedish/English”, the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English depending on teaching language.

### Other

The course is conducted in a manner where both men's and women's experience and knowledge are made visible and developed.

The planning and implementation of a course should correspond to the course syllabus. The course evaluation should therefore be conducted with the course syllabus as a starting point.

The course is campus-based at the location specified for the course, unless otherwise stated under “Teaching and working methods”. Please note, in a campus-based course occasional remote sessions could be included.

If special circumstances prevail, the vice-chancellor may in a special decision specify the preconditions for temporary deviations from this course syllabus, and delegate the right to take such decisions.