

# Visualisation Project

Programme course

8 credits

Visualiseringsprojekt

TNBI48

Valid from: 2017 Spring semester

**Determined by**

Board of Studies for Mechanical  
Engineering and Design

**Date determined**

2017-01-25

**Offered for the last time**

Autumn semester 2019

**Replaced by**

TNBJo4 och TNBJo5

## Main field of study

Civil Engineering

## Course level

First cycle

## Advancement level

G2X

## Course offered for

- Civil Engineering, B Sc in Engineering

## Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

## Prerequisites

Buidling Visualisation, Computer graphics

## Intended learning outcomes

In the course students will apply their knowledge from previous courses into the areas of civil engineering with visualisations, rendered animations and 3D modeling.

## Course content

Project work; from data aquisition, 3d modeling, visualisation to final presentation.

## Teaching and working methods

Project work in limited groups. Mandatory short form presentations during the course period is required.

The course starts Ht2 och concludes during Vt1.

## Examination

PRA3	Oral and Written Presentation of Project Work	4 credits	U, G
PRA2	Oral and written presentation of project work	4 credits	U, G

Grades are given as “Fail” or “Pass”.

## Grades

Two-grade scale, U, G

## Department

Institutionen för teknik och naturvetenskap

## Director of Studies or equivalent

Dag Haugum

## Examiner

Patric Ljung

## Course website and other links

<http://www2.itn.liu.se/utbildning/kurs/index.html?coursecode=TNBI48>

## Education components

Preliminary scheduled hours: 36 h

Recommended self-study hours: 177 h

## Course literature

### Additional literature

#### Books

Brian L. Smith, (2006) *Architectural Visualization*

ISBN: 978-1-59059-557-2

## Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at [http://stydokument.liu.se/Regelsamling/Innehall/Utbildning\\_pa\\_grund-\\_och\\_avancerad\\_niva](http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva).