

**SYLLABUS**

# **Bridge Design 7.5 credits**

## **K0005B**

**Broprojektering**

**Course syllabus admitted: Autumn 2007 Sp 1 - Present**

DECISION

**The plan is established by the Department of Civil and Environmental Engineering 2007-01-31 and is valid from H07.**

# Bridge Design 7.5 credits K0005B

## Broprojektering

### First cycle, K0005B

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	G U 3 4 5	Väg- och vattenbyggnad	Civil Engineering

## Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and Basic Courses in Structural Engineering.

## Selection

The selection is based on 1-165 credits.

## Examiner

Lennart Elfgrén

## Course Aim

To learn the principles of the design of common bridge types.

## Contents

Esthetics, Bridge types, Design of Bridges, Loads, Safety

## Realization

Groups of students work with projects where one or two bridge types will be studied.

## Examination

The project works will be examined.

## Overlap

The course K0005B is equal to ABK128

## Literature. Valid from Autumn 2007 Sp 1

Bridge Design, Vägverkets publikation 1996:63  
Bro 2002, Vägverket 2002  
Eurocodes for Bridges Material that will be made available on the net

## Course offered by

Department of Civil, Environmental and Natural Resources Engineering

## Items/credits

Number	Type	Credits	Grade
0001	Bridge Project No 1	4.5	U G#
0002	Bridge Project No 2	3	U G#

## Syllabus established

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