

Introduction

Below is a list of courses which might be taken by students in the Swedish Universities of the Built Environment.

Please contact the persons given below at your own university to learn which courses that may be allowed in your study plan.

When it is approved at your own university, please contact the examiner for the course you are interested in.

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KTH:

Course Code	Course Name	Semester	Month	Language
AF1002	Buildings and Civil Engineering Structures	4	march-may	Swe
SG1801	Structural Mechanics, Basic Course	2	nov-dec	Swe
AF1005	Structural Engineering, Basic Course	3	jan-march	Swe
AF101X	Degree Project in Build Environment, First Cycle	3-4	jan-may	Swe
AF2003	Structural Engineering, advanced course	1	sept-okt	Eng
AF2011	Structural Dynamics	1	sept-okt	Eng
AF2023	Theory and Methodology of Science and Risk and Safety in Building Sciences	2	nov-dec	Eng
AF2024	Finite Element Methods in Analysis and Design	4	march-may	Eng
AF2101	Concrete Structures	2	nov-dec	Eng
AF2102	Concrete Structures, advanced course	4	march-may	Eng
AF2201	Bridge Design	3	jan-march	Eng
AF2203	Advanced Bridge Design	2	nov-dec	Eng

Chalmers:

Course Code	Course Name	Semester	Month	Language
TIBYL	Building and Civil Engineering (B.Sc. in Eng. programme)			
LBT290	Strength of materials, 6 credits	2	Jan.-March	Sve
LBT032	Structural mechanics, 7.5 credits	2	March-June	Sve
BOM160	Structures, 7.5 credits	3	Sep.-Oct.	Sve
BOM155	Structural Engineering, 7.5 credits	4	March-June	Sve
LBT502	Bridge structures, 7.5 credits	5	Oct.-Dec.	Sve
VSM045	Structural mechanics – basics , 7.5 credits	6	March-June	Sve
TKVOV	Civil Engineering (M.Sc. Programme, part to B.Sc. Exam)			
MME180	Mechanics, 7.5 credits	2	March-May	Sve
VSM031	Solid mechanics, 7.5 credits	3	Oct.-Dec.	Sve
BMT015	Structures, 7.5 credits	5	Oct.-Dec.	Sve
BMT020	Structural Engineering, 7.5 credits	6	Jan.-March	Sve
VSM045	Structural mechanics – basics , 7.5 credits	6	March-June	Sve
MPSEB	Structural Engineering and Building Technology (Master of Science programme)			
VBB122	Structural systems: Design and assessment, 7.5 credits	1	Sep.-Oct.	Eng
VSM167	Finite element method: basics, 7.5 credits	1	Oct.-Dec.	Eng
TME245	Finite element method - structures, 7.5 credits	2	Jan.-March	Eng
VSM196	Timber engineering, 7.5 credits	2	Jan.-March	Eng
VBB072	Structural concrete, 7.5 credits	2	March-June	Eng
VSM191	Steel structures, 7.5 credits	3	Sep.-Oct.	Eng
BOM170	Structural Design, 7.5 credits	3	Sep.-Oct.	Eng
VBB048	Concrete structures, 7.5 credits	4	Oct.-Dec.	Eng
TME141	Structural Dynamics, 7.5 credits	4	Oct.-Dec.	Eng

LTH:

Course Code	Course Name	Semester	Month	Language
VBK013	Structural Engineering, Basic Course	4	Jan.-June	Sve
VBKF01	Structural Engineering: Building Systems	6	March-June	Sve
VBKN05	Concrete Structures	7	Oct.-Dec.	Sve/Eng
VBKN01	Steel and Timber Structures	8	Jan.-March	Sve/Eng
VBKN10	Risk Management in Construction Technology Applications	9	Oct.-Dec.	Eng/Sve
VBK041	Design of Bridges	9	Sep.-Dec.	Sve/Eng
VBKF05	CAD with Building Applications	Free	Jan.-May	Sve
VSMA05	Structural Mechanics, 8 Credits	2	Oct-Dec	Swe
VSMF05	Engineering Modelling: Analysis of Structures, 7.5 Credits	3	Jan-March	Swe
VSMN35	Beam Theory, 7.5 Credits	1	Sept-Oct	Swe
VSMN25	The Finite Element Method - Flow Analysis, 7.5 Credits	1	Sept-Oct	Swe/Eng
VSMN30	The Finite Element Method - Structural Analysis, 7.5 Credits	2	Oct-Dec	Swe/Eng
VSMN10	Structural Dynamic Computing, 7.5 Credits	3	Jan-March	Swe/Eng
VSMN15	Integrated design: Structural Design - Architectural Design, 7.5 Credits	4	April-June	Swe/Eng
VSMN20	Software development for Technical Applications, 7.5 Credits	4	April-June	Swe
VGTF01	Foundation Engineering, 7.5 Credits	4	April-June	Swe

LTU:

Course Code	Course Name	Semester	Month	Language
B7004B	Structural Mechanics I, 7.5 Credits	3	Jan.-March	Eng
B7003B	Structural Mechanics II, 7.5 Credits	4	April-June	Eng
B7002B	Introduction to FEM, 7.5 Credits	1	Sept.-Nov.	Eng
K7002B	Concrete Structures, 7.5 Credits	4	April-June	Eng
K7005B	Bridge design, 7.5 Credits	1	Sept.-Nov.	Eng
S7006B	Design of structures exposed to fire, 7.5 Credits	2	Nov.-Jan.	Eng
S7004B	Steel Structures, 7.5 Credits	3	Jan.-March	Eng
S7001B	Applied FEM, 7.5 Credits	1	Sept.-Nov.	Eng
S7001B	Applied FEM, 7.5 Credits	3 - 4	Jan.-June.	Eng
W7007B	Building technology, 7.5 Credits	3	Jan.-March	Eng
W7003B	Virtual design, 7.5 Credits	4	April-June	Eng