Civil Engineering, B Sc in Engineering

180 credits

Högskoleingenjör i byggnadsteknik

6IBYG

Valid from: 2016 Autumn semester

Determined by
Board of Studies for Mechanical Engineering and Design

Date determined
2016-01-19

Entry requirements

Degree in Swedish

Högskoleingenjör och Teknologie kandidat, 180 hp

Curriculum

Semester 2 (Spring 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNBI24	Structural Mechanics and Strength of Materials	12*	G1X	1	C
TNBI39	Building Technology, Advanced Course	6	G2X	3	C
TNIU23	Calculus in One Variable II	6	G1X	2	C
TNIU66	Statistics and Probability	6	G1X	4	E
Period 2					
TNBI24	Structural Mechanics and Strength of Materials	12*	G1X	2	C
TNBI97	BIM Technology and GIS	6	G1X	4	C

Semester 3 (Autumn 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNBI71	Soil Mechanics	6	G1X	2	C
TNBI92	Timber and Steel Structures	8*	G1X	4	C
TNIU75	Linear Algebra	6	G1X	1	C
THIU01	English	4	G1X	3	E
Period 2					
TEIO29	Leadership and Organisation	6	G1X	2	C
TNBI28	Hydrology and Hydraulics	4	G2X	1	C
TNBI92	Timber and Steel Structures	8*	G1X	4	C

Semester 4 (Spring 2018)

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TEIE53	Industrial Economics	6	G1X	1	C
TKMJ24	Environmental Engineering	6	G1N	2	C
TNBI73	Water Supply and Wastewater Technology	4	G2X	3	C
Period 2					
TNBI85	Road Engineering	6	G2X	4	C
TNBI99	Concrete Structures	8	G2X	1/2	C

Semester 5 (Autumn 2018)

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNBI61	Civil and Commercial Law	4	G1X	2	C
TNBI86	Production Engineering	10*	G2X	1	C
TGTU01	Technology and Ethics	6	G1X	4	E
THIU01	English	4	G1X	3	E
TNA006	Calculus III	6	G1X	3	E
TNBI29	Visualization Techniques Applied to Civil Engineering	6	G2X	4	E
TNBI80	Applied Civil Engineering	6	G2X	3	E
Period 2					
TNBI86	Production Engineering	10*	G2X	1	C
TEIO29	Leadership and Organisation	6	G1X	2	E
TNBI34	Computer Aided Building Design	8	G2X	2	E
TNBI48	Visualisation Project	8	G2X	3	E
TNBI94	Foundation Engineering	6	G2X	4	E
TNK046	Geographic Information Systems	6	G1X	2	E

Semester 6 (Spring 2019)

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TNBI95	Scientific Method	6	G1X	4	C
TNBI34	Computer Aided Building Design	8	G2X	4	E
TNBI48	Visualisation Project	8	G2X	1	E
TNBI65	Logistics in Civil Engineering	6	G2X	3	E
TNBI88	Energy and Environmental Building	4	G2X	1	E
Period 2					
TQXX11	Degree project - Bachelor's Thesis	16	G2X	-	C

ECV = Elective / Compulsory /Voluntary
*The course is divided into several semesters and/or periods