

Recommended study plan - Year of Study 3

Semestr 5

O	S	CODE	HL	HS	C	C-Re	PREREQ.	COURSE
D	5	124BPH	3	2	6	c,ex		Building Physics
D	5	132STA	2	2	5	c,ex	xx)	Structural Analysis
D	5	133CM01	3	2	6	c,ex	x)	Concrete and Masonry Structures 1
D	5	134ST01	3	2	6	c,ex	x)	Steel Structures
D	5	135FS01	3	3	7	c,ex	135GSM	Foundation of Structures

Number of teaching units 25
 Number of credit points 30

x) 133FSTC+134FSTT
 xx) 132TELA+132SM3E

Semestr 6

O	S	CODE	HL	HS	C	C-Re	PREREQ.	COURSE
D	6	124BC01	2	3	7	c,ex	124BPH	Non-Load Bearing Construction
D	◇ 6	124SDP1	0	4	6	cl	xxx)	Structural Design, Project 1
D	6	125BSE	2	2	5	c,ex		Buildings Services Systems
D	6	133CM02	4	2	7	c,ex	x)	Concrete and Masonry Structures 2
D	6	134TS01	3	1	5	c,ex	132TELA	Timber structures 1

◇ To be completed before Bachelor Project registration

x) 133FSTC+134FSTT
 xxx) 124BS01+124BPH

Number of teaching units 23
 Number of credit points 30

Total number of teaching units per year 48
 Total number of credit points per year 60

Recommended study plan - Year of Study 4

Semestr 7

O	S	CODE	HL	HS	C	C-Re	PREREQ.	COURSE	
D	7	122TCD	4	2	6	c,ex		Technology of Construction	
D	7	123MED	2	2	5	c,ex		Materials Engineering	
D	7	124BS2D	2	1	3	c,ex	124BS01	Building Structures 2D	
D	7	124PDRD	2	1	3	c,ex	124BS01	Failures, Deteriorations, Renovation	
D	7	125BSE2	2	2	5	c,ex		Buildings Services Systems 2	
D	7	xxxSDP2	◇	0	4	6	cl	124SDP1	Structural design, project 2
D	7		■		2	2			Optional compulsory courses
D	7	100ODPR	◇		6	c			Practical placement (3 weeks)

◇ To be completed before Bachelor Project registration

xxxSDP2 - to be selected among Departments 124,133,134,135

Number of teaching units 25 + 6
 Number of credit points 30

Semestr 8

O	S	CODE	HL	HS	C	C-Re	PREREQ.	COURSE	
D	8	124FSHB	3	2	6	c,ex		Fire Safety and Healthy Buildings	
D	8	126CMAN	3	2	6	c,ex		Construction Management	
D	8		■	0	6	6		Optional Compulsory Courses	
D	8	xxxBPRO	▲		10	12	c	(xx)	Bachelor Project

xxxBPRO to be selected at one of departments: 102,122,123,124,125,132,133,134,135

(xx) - Conditions for registration in xxxBPRO :

to complete courses: 124SDP1+xxxSDP2+100ODPR+195 credit points

■ Selection of courses is from the list of optional compulsory courses for Bc.study programme in branch D

▲ The courses are taught in winter and summer semesters

Number of teaching units 26
 Number of credit points 30

Total number of teaching units per year 51 + 6
 Total number of credit points per year 60

Number of credit points for compulsory courses for 5th - 8th semester: 120

Thematic areas of Final Graduation Examinations in branch of study D

1 compulsory thematic area + 1 elective thematic area

Compulsory area: Building Structures (guaranteed by Department 124)

Elective areas: Building Services (guaranteed by Department 125)
 Building Mechanics (guaranteed by Department 132)
 Concrete and Masonry Structures (guaranteed by Department 133)
 Steel and Timber Structures (guaranteed by Department 134)
 Geotechnics (guaranteed by Department 135)

Optional compulsory courses at branch D

O	S	CODE	HL	HS	C	C-Re	PREREQ.	COURSE
F	B	101MPRS	2	2	4	ex		Probability and Statistics
F	B	124BIMR	1	1	2	cl		BIM - Revit Architecture
F	B	124EDC	2	2	4	c,ex		Civil Engineering in Developing Countries
F	B	128CS1	2	2	4	c,cl		C# Progr. and Application Development
F	B	128CS2	2	2	4	c,cl		C# 2-Advanced Application Development
F	B	128YIND	0	2	2	c		Computer Use Fundamentals
F	B	129ACM1	0	3	3	cl		Architectural CAD Modelling 1
F	B	129ACM2	0	3	3	cl		Architectural CAD Modelling 2
F	B	129CTA	0	2	2	cl		Composition and Theory of Architecture
F	B	133CASD	1	1	2	c		Computer Aided Structural Design
F	B	143ENE	2	1	4	c,ex		Environmental Engineering
F	B	144BT1	2	0	2	ex		Balneotechnology
F	W	102PHS	0	2	2	c		Physics - Seminar
F	W	124CADE	0	3	3	cl		CAD 1 (E)
F	W	128CGR	2	2	4	c,cl		Computer graphics
F	W	132MMO	1	1	2	c		Modern Methods of Optimization
F	W	133YBBD	1	1	2	c		Basis of Bridges Design
F	W	134TBS	1	1	2	c		Timber Based Structures
F	W	137TENV	1	1	2	c,cl		Rail Traffic and Environment
F	W	143ESP	2	2	4	c,cl		Soil Physics for Engineers
F	W	143SSP	2	2	4	c,cl		Soil Science and Soil Physics
F	W	144WS	2	0	2	cl		Drinking Water Management
F	S	133YCB	2	2	4	c,cl		Concrete Bridges
F	S	134FSTS	1	1	2	c		Fire Des. of Steel, Comp. and Timber Str.
F	S	134GSTR	1	1	2	c		Glass Structures

W - winter semester
 S - summer semester
 B - both semesters