

Recommended study plan

Semestr 1

O	S	CODE	HL	HS	C	C-Re	PREREQ.	COURSE
D	1	101MAT4	2	2	5	c,ex		Mathematics 4
D	1	124BS03	2	2	4	c,ex		Building Structures 3
D	1	132NAST	2	2	5	c,ex		Numerical Analysis of Structures
D	1	133CM03	2	2	5	c,ex		Concrete Structures 3
D	1	134ST02	2	2	4	c,ex		Steel structures 2
D	1	xxxSDP3	0	4	5	cl		Structural design project 3
D	1	■		2	2	c		Optional compulsory courses

Number of teaching units 26
 Number of credit points 30

Semestr 2

O	S	CODE	HL	HS	C	C-Re	PREREQ.	COURSE
D	2	132EXAN	1	2	3	cl		Experimental analysis
D	2	132DS01	2	2	5	c,ex		Dynamics of structures
D	2	133CM04	2	2	5	c,ex		Concrete Structures 4
D	2	134TS02	2	1	4	c,ex		Timber structures 2
D	2	135FS02	2	2	4	c,ex		Foundation of Structures 2
D	2	xxxSDP4	0	4	5	cl		Structural design project 4
D	2	■		4	4	c		Optional compulsory courses

■ Selection of courses is from the list of optional compulsory courses for Mgr. study programme

xxxSPD3,xxxSPD4 Projects to be selected among Departments 122, 124, 132, 133, 134 or 135

Number of teaching units 26
 Number of credit units 30

Total number of teaching units for 52
 Total number of credits for year 60

Semestr 3

O	S	CODE	HL	HS	C	C-Re	PREREQ.	COURSE
D	3	xxxDPP	▲	0	24	30	c	Diploma project

xxxDPP Diploma project at the department 122, 123, 124, 132, 133, 134, 135, 210, 220

▲ Subjects are taught in winter and summer semesters

Number of teaching units 76
 Number of credit points 90

Optional compulsory courses in master 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	125TIE	2	0	2	ex		Theory of indoor environment
F	B	125YATH	1	1	2	c		Applied Thermomechanics
F	B	128PMDDB	1	2	4	c,ex		Process Mod. and Data Formats for BIM
F	B	129CTA	0	2	2	cl		Composition and Theory of Architecture
F	B	132MAC	1	1	2	c		Micr.and Phase Anal.of Contr. Materials
F	B	133CASD	1	1	2	c		Computer Aided Structural Design
F	W	102FTB	2	0	2	c		Thermomechanics
F	W	124DSHB	1	1	2	c		Diagn. and Surveying of Hist. Buildings
F	W	124EOB1	1	1	3	ex		Seminar on Energy Optim. Buildings 1
F	W	124IBD	2	0	3	ex		Integrated building design
F	W	127CP11	2	0	2	ex		City planning 11
F	W	127TCL	3	0	4	ex		Transformations of Cultural Landscapes
F	W	128CGR	2	2	4	c,ex		Computer graphics
F	W	132MMO	1	1	2	c		Modern Methods of Optimization
F	W	134FRST	1	1	2	c		Fire Resist. of Steel and Timber Struct.
F	W	134STB	1	1	2	c		Steel bridges
F	S	101NMT	1	1	2	c		Numerical Methods
F	S	134SAL	1	1	2	c		Stainless Steel and Aluminium Struct.
F	S	143TPVZ	2	2	4	c,ex		Transport Processes in the Vadose Zone

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