

Building Science

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								15/16 sp1	15/16 sp2	15/16 sp3	15/16 sp4
VSMA10	3	G1	IBYI , IBYV	-	S	Mechanics of Materials	KS KE U W T		2		
FME602	6	G1	IBYA	-	S	Structural Mechanics	KS KE U W T		2		
VSME10	9	G2	IBYA	-	S	Structural Design	KS KE U W T			3	4

Design Methodology

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	15/16			
									sp1	sp2	sp3	sp4
EDAA15	8	G1	IBYA, IBYI, IBYV	-	S	Communication and Computer Tools	X	KS KE U W T	1	2	3	
MMTF10	8	G2	IBYA	-	S	BIM Modelling and Visualisation		KS KE U W T			3	4
ADPG00	7.5	G2	IBYA	-	S	Model based design for architects and engineers		KS KE U W T			3	4
MAMF25	7.5	G2	IBYA, IBYV	-	S	Working Environment, Trainee Course	X	KS KE U W T			3	
MAMF25			IBYA, IBYV				X					4

[EDAA15](#) ([IBYA](#), [IBYI](#), [IBYV](#)) Communication and Computer Tools: *Study period 1 includes a mandatory study strategy seminar.*

[MAMF25](#) ([IBYA](#), [IBYV](#)) Working Environment, Trainee Course: *The course is offered twice a year (January and May).*

Solid Mechanics

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								15/16 sp1	15/16 sp2	15/16 sp3	15/16 sp4
FHLN01	7.5	A	BME, E, M, MD, Pi	X	E	Structural Optimization	KS KE U W T			3	
FHL013	15	G2	M, MD	-	E1	Solid Mechanics, Basic Course	KS KE U W T			3	4
FHL064	7.5	G2	BME, E, M, MD, N	X	S	Finite Element Method	KS KE U W T				4
FHLE01	6	G2	E	-	S	Finite Element Method	KS KE U W T				4
FHLE10	7.5	G2	Pi	-	E1	Finite Element Method and Introduction to Strength of Materials	KS KE U W T				4
FHL090	7.5	A	BME, E, M, Pi	X	E1	Fracture Mechanics, Advanced Course	KS KE U W T				4

[FHLE01](#) (I) Solid Mechanics, Basic Course: *Compulsory course in the elective block 'Industrial Product Design' for students admitted autumn 2013. The course is also an optional programme course.*

Structural Mechanics

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	15/16	15/16	15/16	15/16
									sp1	sp2	sp3	sp4
VSMN35	7.5	A	V	-	S	Beam Theory	KS KE U W T	1				
VGTF05	5	G2	V	-	S	Soil Mechanics	KS KE U W T	1				
VSMN25	7.5	A	Pi	X	E1	<i>The Finite Element Method - Flow Analysis</i>	KS KE U W T	Examinations only				
VSMN25			MWLU, V, W					1				
VTAF05	7.5	G2	V	X	E1	Acoustics	KS KE U W T		2			
VSMA05	8	G1	V	-	S	Structural Mechanics	KS KE U W T		2			
VSMN30	7.5	A	V	X	E1	The Finite Element Method - Structural Analysis	KS KE U W T		2			
VSME05	7.5	G2	M, V	-	S	Engineering Modelling: Analysis of Structures	KS KE U W T			3		

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								15/16 sp1	15/16 sp2	15/16 sp3	15/16 sp4
VSMA01	5	G1	KID	-	S	Mechanics	KS KE U T			3	
VTAF01	7.5	G2	V	-	S	Sound in Building and Environment	KS KE U W T			3	
VSMN10	7.5	A	E, M, Pi, V	X	E1	Structural Dynamic Computing	KS KE U W T			3	
VSMN15	7.5	A	V	X	E1	Integrated Design: Structural Design – Architectural Design	X KS KE U W T			3	4
VGTA01	6	G1	IBYA, IBYI, IBYV	-	S	Engineering Geology and Soil Mechanics	KS KE U W T				4
VGTF01	7.5	G2	V	-	S	Foundation Engineering	KS KE U W T				4
VSM010	7.5	G1	V	-	S	Mechanics, Basic Course	KS KE U W T				4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								15/16 sp1	15/16 sp2	15/16 sp3	15/16 sp4
VSMA15	8	G1	BI	-	S	Mechanics, Basic Course	KS KE U W T				4
VSMN20	7.5	A	E , M , Pi , V	-	S	Software Development for Technical Applications	KS KE U W T				4

[VSMN15](#) (V) Integrated Design: Structural Design – Architectural Design: *The date and time of the exam is announced by the course lecturer.*

Bachelor's Projects of the Department

The list contains the bachelor's projects which are given by the department and which programme each bachelor's project is included in. The list is not necessarily complete before the academic year 2016/17.

Links

Course Code	Credits	Programme	Course Name	Links
FHLL01	15	E , M , N	Bachelor Project in Solid Mechanics	KS KE U
VTAL01	15	V	Bachelor Project in Engineering Acoustics	KS KE U
VGTL01	15	V	Bachelor Project in Geotechnical Engineering	KS KE U
VSML01	15	V	Bachelor Project in Structural Mechanics	KS KE U
VSML05	15	E	Bachelor Project in Structural Mechanics	KS KE U

Degree Projects of the Department

The list contains the degree projects which are given by the department and which programme each degree project is included in.

Links

Course Code	Credits	Programme	Course Name	Links
VBV615	22.5	IBYA	Degree Project	KS KE U
FHL820	30	BME , E , I , M , N , Pi	Degree Project in Solid Mechanics for Engineers	KS KE U W
VTA820	30	E , V	Degree Project in Engineering Acoustics for Engineers	KS KE U
VGTM01	30	V	Degree Project in Geotechnical Engineering	KS KE U W
VSM820	30	V	Degree Project in Structural Mechanics for Engineers	KS KE U
VSM920	30	E , M , Pi	Degree Project in Structural Mechanics for Engineers	KS KE U