Building Materials

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBM611	6	G1	IBYA	-	S	Materials Engineering		KS KE U W T		1			
VBM012	6	G1	BI	-	S	Building Materials		KS KE U W T			2		
VBM012			V									3	
VBMN05	7.5	A	V	-	S	Moisture Safety in the Building Process		KS KE U W T			2		
VBMA05	3	G1	A	-	S	Building Materials		KS KE U W T				3	
VBMN10	7.5	A	V	-	S	Concrete in a Life-cycle Perspective		KS KE U W T				3	
VBMF05	7.5	G2	V	-	S	Building Material Science		KS KE U W T					4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBFF01	7.5	G2	V	-	S	Energy Efficiency and Indoor Environment		KS KE U W T	1			
VBFF05	7.5	G2	MEMB	X	E	Moisture Safety Design		KS KE U W T	1			
VBFN01	7.5	A	V	-	S	Sustainable Building Technology		KS KE U W T	1			
ABKF01	7.5	G2	L	-	S	Technical Management of Buildings		KS KE U W T	1			
VBFA05	4	G1	BI	-	S	Building Technology		KS KE U T	1	2		
VBF605	6	G2	IBYA	-	S	Building Physics		KS KE U W T		2		
VBF630	6	G1	IBYA	-	S	Building Technology		KS KE U W T		2		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBMA10	3	G1	A	-	S	Building Technology and Building Physics		KS KE U W T			2		
VBFN05	7.5	A	V	-	S	Energy, Air Movements and Moisture at Rebuilding and Administration		KS KE U W T				3	
VBFA01	10	G1	V	-	S	Building Technology and Building Services		KS KE U W T				3	4
VBFN10	7.5	A	V	-	S	Design concerning Energy, Air Movements and Moisture in New Buildings		KS KE U W T					4

Building Services

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
ABKF05	7	G2	IBYA	-	S	Building Services		KS KE U W T				3	
VBMA20	3	G1	A	-	S	Energy and Building Services		KS KE U W T				3	
ABKF10	7.5	G2	MEMB	X	E	Ventilation and Indoor Air Quality		KS KE U W T				3	

Construction Management

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBEN15	7.5	A	V	-	S	Construction Management		KS KE U W T	1			
VBE675	7.5	G2	IBYA	-	S	Management – Project Study		KS KE U W T	1			
VBEF15	7.5	G2	V	-	S	Technique for Construction Management		KS KE U W T	1			
VBE685	7.5	G2	IBYA	-	S	Planning and Design – Project Study		KS KE U W T	1	2		
VBE680	7.5	G2	IBYA	-	S	Programwork, Community Planning and Building-design - Project Study		KS KE U W T	1	2		
VBEA20	7	G1	IBYA	-	S	The Construction Process with Business Economy		KS KE U W T	1	2		
VBEN20	7.5	A	V	-	S	Construction Innovation Systems		KS KE U W T		2		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBE690	7.5	G2	IBYA	-	S	Production, Steering and Planning – Project Study		KS KE U W T		2		
VBEF10	7.5	G2	L, V	-	S	Real Estate Management		KS KE U W T		2		
VBEF01	7.5	G2	M, V	-	S	Project Management		KS KE U W T			3	
VBEA10	5	G1	V	-	S	The Construction Process		KS KE U W T			3	
VBEA05	5	G1	A	-	S	The Construction Process, Basic Course		KS KE U W T			3	
GEMA40	7.5	G1	A, B, BI, BME, C, D, E, F, I, K, KID, L, M, MD, MID, N, Pi, RH, V, W	-	S	Entrepreneurship and Business Development		KS KE U W T			3	4
VBEF05	7.5	G2	L	-	S	Construction Process and Project Management		KS KE U W T				4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBEN01	7.5	A	L, V	-	S	The Role of the Construction Client		KS KE U W T				4

Fire Safety Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBRA05	9	G1	BI	-	S	Introduction to Fire and Risk Engineering		KS KE U T	1			
VBR225	15	G2	BI, RH	-	E2	Emergency and Disaster Management		KS KE U T	1	2		
VBR082	15	A	BI	-	S	Fire Detection and Suppression		KS KE U	1	2		
VBR180	15	A	BI, Pi, RH	-	S	Risk Analysis Methods		KS KE U	1	2		
VBR110	7.5	A	BI, RH	-	S	Risk Based Land Use Planning		KS KE U T	1	2		
VBR022	15	G2	BI	-	E2	Fire Chemistry and Explosions		KS KE U T		2		
VBRA10	7.5	G1	BI, RH	-	S	Consequence Analysis		KS KE U T			3	

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBRF10	15	G2	BI	-	E2	Fire Dynamics		KS KE U T				3	
VBRN05	9	A	MFST	X	E	Fire Dynamics - Advanced		KS KE U T				3	
VBRN01	8	A	MFST	X	E	Risk Assessment		KS KE U T				3	
VBR054	15	A	BI	-	S	Fire Safety Evaluation		KS KE U T				3	4
VBRF15	9	G2	BI, RH	X	E	Simulation of Fires in Enclosures		KS KE U T				3	4
VBRN15	5	A	MFST	X	E	Simulation of Fires in Enclosures		KS KE U T				3	4
VBRN10	8	A	BI, MFST, RH	X	E	Human Behaviour in Fire		KS KE U T					4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBR240	4.5	G1	BI	-	S	Introductory Course for Firemen	X	KS KE U T					4
VBR171	7.5	A	RH	-	S	Risk Management Processes		KS KE U T					4

VBR240 (BI) Introductory Course for Firemen: *The course is offered in the summer after year 1.*

Structural Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBK041	7.5	A	V	X	E1	Design of Bridges		KS KE U W T	1	2		
VBMA01	3	G1	A	-	S	Architectural Design		KS KE U W T		2		
VBKN05	7.5	A	V	-	E2	Concrete Structures		KS KE U W T		2		
VBKN10	7.5	A	V	X	E1	Risk Management in Construction Technology Applications		KS KE U W T		2		
VBKN01	7.5	A	V	-	S	Steel and Timber Structures		KS KE U W T			3	
VBKF05	7.5	G2	V	-	S	CAD with Building Applications		KS KE U W T			3	4
VBK013	9	G2	V	-	S	Structural Engineering, Basic Course		KS KE U W T			3	4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VBKF01	7.5	G2	V	-	S	Structural Engineering - Building Systems		KS KE U W T					4

Water Resources Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VVR176	7.5	A	MWLU, V, W	X	E	Environmental Hydraulics		KS KE U W T	1			
VVR120	7.5	G2	W	X	E	Fluid Mechanics		KS KE U W T	1			
VVRF01	7.5	G2	MWLU, V, W	X	E	Integrated Water Resources Management: International Aspects		KS KE U W T	1			
VVRN10	7.5	A	MWLU, Pi, V, W	X	E	Rainfall Runoff Modelling		KS KE U W T	1			
VVR111	15	G1	W	X	E	Hydrology and Aquatic Ecology		KS KE U W T	1	2		
VVRN01	7.5	A	MWLU, V, W	X	E	Advanced Hydraulics		KS KE U W T		2		
VVRN05	7.5	A	MWLU, V, W	X	E	Advanced Hydrology		KS KE U W T		2		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
VVR090	7.5	A	MWLU, V, W	X	E	Hydromechanics		KS KE U W T				3	4
VVR170	7.5	A	MWLU, V, W	X	E	River Restoration		KS KE U W T				3	4
VVR145	9	G1	V	-	E2	Water		KS KE U W T				3	4
VVR040	7.5	A	MWLU, V, W	X	E	Coastal Hydraulics		KS KE U W T					4
VVRF05	7.5	G2	W	-	E	International Summer Water Resources Research School	X	KS KE U W T					4

VVRF05 (W) International Summer Water Resources Research School: *Most of the course is taught outside normal semester time.*

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**	
VBML01	15	V	Bachelor Project in Building Materials	KS KE U
VBFL01	15	V	Bachelor Project in Building Physics	KS KE U
ABKL01	15	V	Bachelor Project in Building Services	KS KE U
VBEL01	15	L, V	Bachelor Project in Construction Management	KS KE U W
VBKL01	15	V	Bachelor Project in Structural Engineering	KS KE U
VVRL01	15	V, W	Bachelor Project in Water Resources Engineering	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**	
VBM820	30	V	Degree Project in Building Materials for Engineers	KS KE U W
VBF820	30	V	Degree Project in Building Physics for Engineers	KS KE U W
ABK920	30	V	Degree Project in Building Services	KS KE U
VBEM01	30	L, V	Degree Project in Construction Management	KS KE U W
VMT615	22.5	IBYA	Degree Project	KS KE U
VBRM01	22.5	BI	Degree Project in Fire Safety Engineering	KS KE U
VBRM05	30	MFST	Degree Project in Fire Safety Technology	KS KE U
VBR920	30	RH	Degree Project in Risk Management and Safety Engineering	KS KE U
VBK920	30	V	Degree Project in Structural Engineering	KS KE U
VVR820	30	MWLU, V, W	Degree Project in Water Resources Engineering	KS KE U W