

Building Materials

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
VBMA35	6	G1	IBYA	-	S	Building Materials		KS KE U W T	1			
VBMN05	7.5	A	V	-	S	Moisture Safety in the Building Process	X	KS KE U W T	Course on hold			
VBMA25	5	G1	BI	-	S	Building Materials		KS KE U W T		2		
VBMA05	3	G1	A	-	S	Building Materials		KS KE U W T			3	
VBMA30	6	G1	V	-	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

[VBMN05](#) ([V](#)) Moisture Safety in the Building Process: *The course is offered every other academic year and will be given in 2018/19, 2020/21.*

Building Physics

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
VBFA05	4	G1	BI	-	S	Building Technology		KS KE U T	1			
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	X	KS KE U W T	Course on hold			
VBFF10	6	G2	IBYA	-	S	Building Physics		KS KE U W T		2		
VBFA10	6	G1	IBYA	-	S	Building Technology		KS KE U W T		2		
VBMA10	3	G1	A	-	S	Building Technology and Building Physics		KS KE U W T		2		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								17/18 sp1	17/18 sp2	17/18 sp3	17/18 sp4
VSMF01	7.5	G2	IBYA	-	S	Energy Conservation	KS KE U W T			3	
VBEN05	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
VBEN10	7.5	A	V	-	S	Design concerning Energy, Air Movements and Moisture in New Buildings	KS KE U W T				4

[ABKF01](#) (L) Technical Management of Buildings: *The course is offered every other academic year and will be given 2018/19, 2020/21.*

Building Services

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								17/18 sp1	17/18 sp2	17/18 sp3	17/18 sp4
ABKF15	7.5	G2	MEMB	X	E	Life Cycle Perspective and Environmental Impact of Buildings	KS KE U W T	1			
ABKF05	7	G2	IBYA	-	S	Building Services	KS KE U W T			3	
ABKA01	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	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
VBEN20	7.5	A	V	-	S	Construction Innovation Systems	X	KS KE U W T	1			
VBEF30	7.5	G2	IBYA	-	S	Programwork, Social Planning and Building-design		KS KE U W T	1			
VBEF25	7.5	G2	IBYA	-	S	Project Management in Construction		KS KE U W T	1			
VBEF15	7.5	G2	V	-	S	Technique for Construction Management		KS KE U W T	1			
VBEA25	7	G1	IBYA, IBYI, IBYV	-	S	Construction Process and Construction Law		KS KE U W T	1	2		
EDAA15	8	G1	IBYA, IBYI, IBYV	-	S	Communication and Computer Tools	X	KS KE U W T	1	2	3	
VBEF35	7.5	G2	IBYA	-	S	Construction Design and Calculation		KS KE U W T		2		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
VBEN15	7.5	A	V	-	S	Construction Management	KS KE U W T		2			
VBEP40	7.5	G2	IBYA	-	S	Production, Planning and Control	KS KE U W T		2			
VBEP10	7.5	G2	L, V	-	S	Real Estate Management	KS KE U W T		2			
VBEP01	7.5	G2	RH, 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	
MAME25	7.5	G2	IBYA, IBYI, IBYV	-	S	Working Environment, Trainee Course	KS KE U W T				3	

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								17/18 sp1	17/18 sp2	17/18 sp3	17/18 sp4
MMTF10	8	G2	IBYA	-	S	BIM Modelling and Visualisation	KS KE U W T			3	4
VBEF20	7.5	G2	IBYA	-	S	Model Based Design	KS KE U W T			3	4
VBEF05	7.5	G2	L	-	S	Construction Process and Project Management	KS KE U W T				4
VBEN01	7.5	A	L , V	-	S	The Role of the Construction Client	KS KE U W T				4

[VBEN20](#) (V) Construction Innovation Systems: *The course is offered every other academic year and will be given in 2017/18, 2019/20.*

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

Fire Safety Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
VBRN60	15	A	BI	-	S	Fire Protection Systems	KS KE U T	1				
VBRA06	6	G1	BI	-	S	Introduction to Fire Safety Engineering	KS KE U T	1	2			
VBRF20	13	G2	BI	-	S	Fire Chemistry and Heat Transfer	KS KE U T		2			
VBRN65	7.5	A	BI	-	S	Industrial Fire Protection	KS KE U T		2			
VBRN10	8	A	MFST , RH	X	E	Human Behaviour in Fire	KS KE U T				3	
VBRA10	7.5	G1	BI , RH	-	S	Consequence Analysis	KS KE U T				3	
VBRN05	9	A	MFST	X	E	Fire Dynamics - Advanced	KS KE U T				3	

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links					
								17/18 sp1	17/18 sp2	17/18 sp3	17/18 sp4		
VBRN75	7.5	A	BI, RH	-	E	Human Behaviour in Fire		KS	KE	U	T	3	
VBRE10	15	G2	BI	-	S	Fire Dynamics		KS	KE	U	T	3	4
VBRN70	9	A	BI	-	S	Fire Safety Evaluation		KS	KE	U	T	3	4
VBRE16	9	G2	BI, RH	X	E	Simulation of Fires in Enclosures		KS	KE	U	T	3	4
VBRN16	5	A	MFST	X	E	Simulation of Fires in Enclosures		KS	KE	U	T	3	4
VBRA15	4.5	G1	BI	-	S	Introductory Course for Firemen	X	KS	KE	U	T		4
VBRN01	8	A	MFST	X	E	Risk Assessment		KS	KE	U	T		4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								17/18 sp1	17/18 sp2	17/18 sp3	17/18 sp4
VBRN45	7.5	A	BI	-	S	Risk Assessment in Fire Protection Engineering	KS KE U T				4

[VBRA15](#) ([BI](#)) Introductory Course for Firemen: *The course is offered in the summer after year 1.*

Risk Management and Societal Safety

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
VBRN55	15	A	MKAT	-	E	Disaster Risk Management and Climate Change Adaptation in Practice		KS KE U T	1			
VBRN55			MKAT							2		
VRSN05	7.5	A	RH, MKAT	X	E	Foundations for Risk Assessment and Management		KS KE U T	1			
VRSN01	7.5	A	BI, RH, MKAT	X	E	Societal Resilience		KS KE U T	1			
VRSN30	7.5	A	BI, RH	-	E1	Risk Based Land Use Planning	X	KS KE U T	1			
VRSN30			BI, RH				X				3	
VBRN35	7.5	A	BI, RH, MKAT	-	E	Capacity Development		KS KE U T		2		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
VRSN10	7.5	A	RH, MKAT	X	E	Direction and Coordination in Disaster Management		KS KE U T		2		
VRSN25	7.5	A	BI, Pi, RH	-	S	Risk Assessment in the Safety Area	X	KS KE U T		2		
VRSN15	7.5	A	RH, MKAT	-	E	Climate Smart Risk Reduction		KS KE U T			3	
VRSN20	7.5	A	MKAT	-	E	Risk Based Land Use Planning	X	KS KE U T			3	
VBRN40	7.5	A	BI, RH, MKAT	X	E	Preparedness and Planning	X	KS KE U T				4
VBRN50	15	A	RH	-	S	Risk Management Processes		KS KE U T				4

[VRSN30 \(BI\)](#) Risk Based Land Use Planning: *For year 3 students the course is offered in study period 3, For year 4 students the course is offered in study period 1. The course is to be studied together with [VRSN20](#).*

[VRSN30 \(RH\)](#) Risk Based Land Use Planning: *The course is a mandatory requirement for students who previously has studied at the Fire protection engineering program at the Faculty of engineering at Lund University. The course is to be studied together with [VRSN20](#).*

[VRSN25 \(RH\)](#) Risk Assessment in the Safety Area: *Students with a background from the Bachelor program in Fire Protection engineering have this course as part of the curriculum in their third year of studies at the Fire protection engineering program at the Faculty of Engineering at Lund University.*

[VRSN20 \(MKAT\)](#) Risk Based Land Use Planning: *The course is to be studied together with [VRSN30](#).*

[VBRN40 \(RH\)](#) Preparedness and Planning: *The course is offered every year in study period 4. For study period 2 the course is offered every other academic year. Next time the course is offered in study period 2 is for the academic year 2018/19.*

Structural Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
VBKN15	7.5	A	V	X	E1	Design of Bridges and Advanced Structures		KS KE U W T	1	2		
VBKF10	6	G2	BI	-	S	Structural Engineering		KS KE U T	1	2		
VBKN20	7.5	A	V	-	S	Virtual Design and Construction – BIM Applications		KS KE U W T	1	2		
VBKA05	3	G1	A	-	S	Architectural Design		KS KE U T		2		
VBKN05	7.5	A	V	X	E1	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	X	E1	Steel and Timber Structures		KS KE U W T			3	

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		17/18	17/18	17/18	17/18	
								sp1	sp2	sp3	sp4			
VBKF01	7.5	G2	V	-	S	Structural Engineering - Building Systems		KS	KE	U	W	T	3	
VBKF05	7.5	G2	BI , V	-	S	CAD with Building Applications		KS	KE	U	W	T	3	4
VBKF15	9	G2	V	-	S	Structural Engineering		KS	KE	U	W	T	3	4

Water Resources Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
VVRN40	7.5	A	MWLU, V, W	X	E	Environmental Hydraulics	KS KE U W T	1				
VVRE10	7.5	G2	W	X	E	Fluid Mechanics	KS KE U W T	1				
VVRE01	7.5	G2	MWLU, V, W, MKAT	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				
VVRA01	15	G1	W	X	E	Hydrology and Aquatic Ecology	KS KE U W T	1	2			
VVRN30	7.5	A	MWLU, V, W	X	E	Coastal Hydraulics	KS KE U W T		2			
VVRN25	7.5	A	MWLU, V, W	X	E	Pipe System Engineering and Hydraulics	KS KE U W T		2			

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links								
								17/18 sp1	17/18 sp2	17/18 sp3	17/18 sp4					
VVRN35	7.5	A	MWLU, V, W	X	E	Hydromechanics		KS	KE	U	W	T			3	4
VVRA05	9	G1	V	-	S	Water		KS	KE	U	W	T			3	4
VVRF05	7.5	G2	V, W	-	E	International Summer Water Resources Research School	X	KS	KE	U	W	T				4
VVRN20	7.5	A	MWLU, V, W	X	E	Water, Society and Climate Change		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.

Links

Course Code	Credits	Programme	Course Name	Links
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	
VBMM01	30	V	Degree Project in Building Materials	KS KE U W
VBFM01	30	V	Degree Project in Building Physics	KS KE U W
ABKM01	30	V	Degree Project in Building Services	KS KE U
VBEM01	30	L , V	Degree Project in Construction Management	KS KE U W
VMTL01	22.5	IBYA	Degree Project	KS KE U
VBRM01	22.5	BI	Degree Project in Fire Safety Engineering	KS KE U
VBRM10	30	RH	Degree Project in Fire Safety Engineering	KS KE U
VBRM05	30	MFST	Degree Project in Fire Safety Technology	KS KE U
VBRM15	30	MKAT	Degree Project in Disaster Risk Management and Climate Change Adaptation	KS KE U
VRSM01	30	RH	Degree Project in Risk Management and Safety Engineering	KS KE U
VBKM01	30	V	Degree Project in Structural Engineering	KS KE U
VVRM01	30	MWLU	Degree Project in Water Resources Engineering	KS KE U
VVRM05	30	V , W	Degree Project in Water Resources Engineering	KS KE U W