

Building Materials

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	18/19	18/19	18/19	18/19
									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	KS KE U W T	1				
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	
VBME05	7.5	G2	V	-	S	Building Material Science	KS KE U W T					4

Building Physics

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	18/19	18/19	18/19	18/19
									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	1			
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		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	18/19	18/19	18/19	18/19
									sp1	sp2	sp3	sp4
VBMA10	3	G1	A	-	S	Building Technology and Building Physics		KS KE U W T		2		
VBEN05	7.5	A	V	-	S	Energy, Air Movements and Moisture at Rebuilding and Administration		KS KE U W T		2		
VSME01	7.5	G2	IBYA	-	S	Energy Conservation		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			
								18/19 sp1	18/19 sp2	18/19 sp3	18/19 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	18/19	18/19	18/19	18/19
									sp1	sp2	sp3	sp4
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		
VBEA30	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		
VBEN25	7.5	A	V	-	S	Construction Logistics and Purchasing		KS KE U T		2		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	18/19	18/19	18/19	18/19
									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			
VBEP01	7.5	G2	RH, V	-	S	Project Management	KS KE U W T				3	
VBEP10	7.5	G2	L, V	-	S	Real Estate 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			
								18/19 sp1	18/19 sp2	18/19 sp3	18/19 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

[VBEA30](#) ([IBYA](#), [IBYI](#), [IBYY](#)) 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	18/19	18/19	18/19	18/19
									sp1	sp2	sp3	sp4
VBRN85	7.5	A	BI, RH	-	S	Advanced CFD		KS KE U T	1			
VBRN80	7.5	A	BI, RH	-	S	Advanced Fire Investigation		KS KE U T	1			
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		
VBRA10	7.5	G1	BI, RH	-	S	Consequence Analysis	X	KS KE U T	Course on hold			
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			
								18/19 sp1	18/19 sp2	18/19 sp3	18/19 sp4
VBRN10	8	A	MFST	X	E	Human Behaviour in Fire	KS KE U T			3	
VBRN75	7.5	A	BI	-	E	Human Behaviour in Fire	KS KE U T			3	
VBRF10	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
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			
								18/19 sp1	18/19 sp2	18/19 sp3	18/19 sp4
VBRN45	7.5	A	BI	-	S	Risk Assessment in Fire Protection Engineering	KS KE U T				4

[VBRA10](#) ([BI](#), [RH](#)) Consequence Analysis: *The course is offered every other academic year and will next be offered in 2019/20*

[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	18/19	18/19	18/19	18/19
									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				
VBRN35	7.5	A	MKAT	-	E	Capacity Development	KS KE U T		2			
VBRN35			RH						2			
VRSN10	7.5	A	RH, MKAT	X	E	Direction and Coordination in Disaster Management	KS KE U T		2			

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links				
								18/19 sp1	18/19 sp2	18/19 sp3	18/19 sp4	
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	
VRSN30	7.5	A	BI , RH	-	E	Risk Based Land Use Planning	X	KS KE U T			3	
VBRN40	7.5	A	BI , RH , MKAT	X	E	Preparedness and Planning		KS KE U T				4
VBRN50	15	A	RH	-	S	Risk Management Processes		KS KE U T				4
VRSN35	7.5	A	RH , MKAT	X	E	Risk Perception, Communication and Human Behaviour		KS KE U T				4

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

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

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

[VRSN30 \(RH\)](#) Risk Based Land Use Planning: *Students with a background from the Bachelor program in Fire Protection Engineering within the Faculty of Engineering at Lund University have this course as part of the curriculum in their third year of studies at the Fire Protection Engineering program. The course is to be studied together with [VRSN20](#).*

Structural Engineering

Course Code	Credits	Cycle		S.Ex. stud.	Language	Course Name	Footnote	Links	18/19			
		Programme							sp1	sp2	sp3	sp4
VBKN30	7.5	A	V	X	E1	Design of Timber Structures	X	KS KE U W T	Course on hold			
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		
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		
VBKN25	7.5	A	V	X	E1	Design of Steel Structures		KS KE U W T			3	
VBKF01	7.5	G2	V	-	S	Structural Engineering - Building Systems		KS KE U W T			3	
VBKF20	7.5	G2	V	-	S	CAD and BIM Applications in Construction	X	KS KE U W T	Course on hold			

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								18/19 sp1	18/19 sp2	18/19 sp3	18/19 sp4
VBKE15	9	G2	V	-	S	Structural Engineering	KS KE U W T			3	4

[VBKN30](#) ([V](#)) Design of Timber Structures: *The course will start in 2019/20.*

[VBKE20](#) ([V](#)) CAD and BIM Applications in Construction: *The course is not offered in 2018/19, but is planned go be given in 2019/20.*

Water Resources Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	18/19	18/19	18/19	18/19
									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, 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								
								18/19 sp1	18/19 sp2	18/19 sp3	18/19 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
VVRE05	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

[VVRE05](#) (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	Links
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