

Surveying

Study Year 1, Academic Year 2012/13 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
								sp1	sp2	sp3	sp4
FMAA05	15	G1	-	S	Calculus in One Variable		KS KE U W T	1	2		
VFR140	15	G1	-	S	Introductory Law and Real Estate Law		KS KE U W T	1	2		
FMA420	6	G1	-	S	Linear Algebra		KS KE U W T			3	
VTVA01	12	G1	-	S	Infrastructure Technique		KS KE U W T			3	4
VTVA05	12	G1	-	S	Sustainable Construction		KS KE U W T				4

Study Year 2, Academic Year 2013/14 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	13/14	13/14	13/14	13/14
								sp1	sp2	sp3	sp4
EMA430	6	G1	-	S	Calculus in Several Variables		KS KE U W T	1			
EDAA20	7.5	G1	-	S	Programming and Databases		KS KE U W T	1			
EMS032	7.5	G2	-	S	Mathematical Statistics, Basic Course		KS KE U W T		2		
EXTA50	9	G1	-	S	Surveying		KS KE U W T		2		
EXTF80	12	G2	-	S	Geographic Information Technology		KS KE U W T			3	4
VFТА01	18	G1	-	S	Real Estate and Physical Planning		KS KE U W T			3	4

Study Year 3, Academic Year 2014/15 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	14/15	14/15	14/15	14/15
								sp1	sp2	sp3	sp4
VFTE01	15	G2	-	S	Economics		KS KE U W T	1			
VFTE05	15	G2	-	S	Real Estate Appraisal		KS KE U W T		2		
VFTE10	15	G2	-	S	Real Property Formation		KS KE U W T			3	4

Study Year 3, Academic Year 2014/15 (Elective Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links			
							14/15 sp1	14/15 sp2	14/15 sp3	14/15 sp4
TEK255	7.5	G2	-	S	Environmental Law	KS KE U W T			3	
EDAA01	7.5	G1	-	S	Programming - Second Course	KS KE U W T			3	
VBEF05	7.5	G2	-	S	Construction Process and Project Management	KS KE U W T				4
VGME10	7.5	G2	-	S	Geodesy	KS KE U W T				4
ASBF10	7.5	G2	-	S	Sustainable Urban Design	KS KE U T				4

Specialisation fe - Real Estate Economics

Course Code	Credits	Cycle	Mand./ Elect.	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
											sp1	sp2	sp3	sp4
VFRN10	7.5	A	V	4 - 15/16	4	-	S	Land Planning and Building Permits	KS KE U W T	1				
VFT015	7.5	A	V	4 - 15/16	4	-	S	The Real Estate Market	KS KE U W T	1				
VFR035	7.5	G2	V	4 - 15/16	4	-	S	Co-operative Housing	KS KE U W T		2			
VFR120	7.5	A	V	4 - 15/16	4	-	S	Real Estate Finance	KS KE U W T		2			
VBEF10	7.5	G2	V	4 - 15/16	4	-	S	Real Estate Management	KS KE U W T		2			
VFRN05	7.5	A	V	4 - 15/16	4	-	S	Purchasing Commercial Real Estate	KS KE U W T			3		
VFTN01	7.5	A	V	4 - 15/16	4	-	S	Real Estate Appraisal Systems	KS KE U W T			3		

Course Code	Credits	Cycle	Mand./ Elect.		Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links	sp1 sp2 sp3 sp4			
EMSN30	7.5	A	V		4 - 15/16	4	X	E1	Linear and Logistic Regression		KS KE U W T				4
VERN01	7.5	A	V		4 - 15/16	4	-	S	Tenancy		KS KE U W T				4
VBEN01	7.5	A	V		4 - 15/16	4	-	S	The Role of the Construction Client		KS KE U W T				4
ABKF01	7.5	G2	V		5 - 16/17	4	-	S	Technical Management of Buildings	X	KS KE U W T	1			
VFTN10	7.5	A	V		5 - 16/17	5	-	S	Urban Economics		KS KE U W T	1			
VFTN20	7.5	A	V		5 - 16/17	5	-	S	Principles of Compensation in Real Estate		KS KE U W T		2		
VFTN15	7.5	A	V		5 - 16/17	5	-	S	Law and Economics	X	KS KE U W T	Course on hold			

[ABKF01](#) Technical Management of Buildings: *The course is offered every other academic year and will be given 2016/17, 2018/19.*

[VFTN15](#) Law and Economics: *The course is offered every other academic year and will be given 2017/18, 2020/21.*

Specialisation fr - Real Estate Law

Course Code	Credits	Cycle	Mand./ Elect.	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
											sp1	sp2	sp3	sp4
VFTN05	7.5	A	V	4 - 15/16	4	-	S	Cadastral Procedure		KS KE U W T	1			
VERN10	7.5	A	V	4 - 15/16	4	-	S	Land Planning and Building Permits		KS KE U W T	1			
VFR035	7.5	G2	V	4 - 15/16	4	-	S	Co-operative Housing		KS KE U W T		2		
EXTN10	7.5	A	V	4 - 15/16	4	X	E1	Web GIS	X	KS KE U W T		2		
VERN05	7.5	A	V	4 - 15/16	4	-	S	Purchasing Commercial Real Estate		KS KE U W T			3	
EMI085	15	A	V	4 - 15/16	4	-	S	Environmental Systems Studies: Environmental Impact Assessment		KS KE U W T			3	4
VGMF10	7.5	G2	V	4 - 15/16	4	-	S	Geodesy		KS KE U W T				4

Course Code	Credits	Cycle	Mand./ Elect.	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
											sp1	sp2	sp3	sp4
VERN01	7.5	A	V	4 - 15/16	4	-	S	Tenancy		KS KE U W T				4
VFTN10	7.5	A	V	5 - 16/17	5	-	S	Urban Economics		KS KE U W T	1			
ASB060	7.5	A	V	5 - 16/17	5	X	E1	Urban Renewal		KS KE U T	1			
VFTN30	7.5	A	V	5 - 16/17	4	X	E1	International Real Estate Planning	X	KS KE U W T		2		
VFTN20	7.5	A	V	5 - 16/17	5	-	S	Principles of Compensation in Real Estate		KS KE U W T		2		
VFTN15	7.5	A	V	5 - 16/17	5	-	S	Law and Economics	X	KS KE U W T	Course on hold			
VER180	7.5	A	V	5 - 16/17	5	-	S	Land Use Law	X	KS KE U W T	Course on hold			

[EXTN10](#) Web GIS: *The date and time of the exam is announced by the course lecturer.*

[VFTN30](#) International Real Estate Planning: *The course is offered every other academic year and will be given 2016/17. 2018/19.*

[VFTN15](#) Law and Economics: *The course is offered every other academic year and will be given 2017/18, 2020/21.*

[VER180](#) Land Use Law: *The course is offered every other academic year and will be given 2017/18, 2020/21.*

Specialisation gi - Geographic Information Science

Course Code	Credits	Cycle	Mand./ Elect.		Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
												sp1	sp2	sp3	sp4
ETSN05	7.5	A	V		4 - 15/16	4	-	S	Software Development for Large Systems		KS KE U W T	1			
EDAE10	7.5	G2	V		4 - 15/16	4	-	S	Object-oriented Modeling and Discrete Structures		KS KE U W T	1	2		
TEK230	7.5	A	V		4 - 15/16	4	X	E1	Algorithms in Geographical Information Systems	X	KS KE U W T		2		
EXTN10	7.5	A	V		4 - 15/16	4	X	E1	Web GIS	X	KS KE U W T		2		
EXTN70	7.5	A	V		4 - 15/16	4	X	E1	Geographical Databases	X	KS KE U W T			3	
EXTN75	7.5	A	V		4 - 15/16	4	X	E1	Spatial Analysis	X	KS KE U W T			3	
EDA216	7.5	G2	V		4 - 15/16	4	X	S	Database Technology		KS KE U W T			3	4

Course Code	Credits	Cycle	Mand./ Elect.		Language			Course Name	Footnote	Links			
			Year	From year	S.Ex. stud.	sp1	sp2			sp3	sp4		
VGME10	7.5	G2	V	4 - 15/16	4	-	S	Geodesy	KS KE U W T				4
EDA095	7.5	G2	V	4 - 15/16	4	-	S	Network Programming	KS KE U W T				4
EDAA25	3	G1	V	5 - 16/17	4	X	S	C Programming	KS KE U W T	1			
FMAN20	7.5	A	V	5 - 16/17	5	X	E1	Image Analysis	KS KE U W T	1			
MAMN25	7.5	A	V	5 - 16/17	5	-	S	Interaction Design	KS KE U W T	1			
EDA061	4.5	G2	V	5 - 16/17	5	-	S	Object-oriented Modelling and Design	KS KE U W T	1			
EXTP40	7.5	A	V	5 - 16/17	5	X	E	GIT Project with Python Programming	X KS KE U W T		2		

Course Code	Credits	Cycle	Mand./ Elect.	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links								
										sp1	sp2	sp3	sp4					
EDAN35	7.5	A	V	5 - 16/17	5	X	E	High Performance Computer Graphics		KS	KE	U	W	T	2			

[TEK230](#) Algorithms in Geographical Information Systems: *The date and time of the exam is announced by the course lecturer.*

[EXTN10](#) Web GIS: *The date and time of the exam is announced by the course lecturer.*

[EXTN70](#) Geographical Databases: *The date and time of the exam is announced by the course lecturer.*

[EXTN75](#) Spatial Analysis: *The date and time of the exam is announced by the course lecturer.*

[EXTP40](#) GIT Project with Python Programming: *The date and time of the exam is announced by the course lecturer.*

Elective Courses - L

Course Code	Credits	Cycle	Language			S.Ex. stud.	Course Name	Footnote	Links	sp1 sp2 sp3 sp4			
			Year	From year						sp1	sp2	sp3	sp4
GEMA20	7.5	G1	4 - 15/16	1	-	E	English for Engineers	X	KS KE U W T	1	2		
GEMA25	7.5	G1	4 - 15/16	1	-	S	German for Engineers	X	KS KE U W T	1	2		
GEMA70	15	G1	4 - 15/16	1	-	S	Japanese for Engineers	X	KS KE U W T	1	2	3	
VTTF01	7.5	G2	4 - 15/16	4	-	S	Traffic Engineering		KS KE U W T		2		
GEMA65	7.5	G1	4 - 15/16	1	-	S	Chinese for Engineers	X	KS KE U T			3	4
GEMA20	7.5	G1	4 - 15/16	1	-	E	English for Engineers	X	KS KE U W T			3	4
GEMA01	7.5	G1	4 - 15/16	1	-	S	French for Engineers: Language, Culture and Society, First Course	X	KS KE U W T			3	4

Course Code	Credits	Cycle		From year	S.Ex. stud.	Language	Course Name	Footnote	Links	sp1 sp2 sp3 sp4			
		Year								sp1	sp2	sp3	sp4
GEMA55	6	G1	4 - 15/16	1	-	S	Medicine for Engineers	X	KS KE U W T			3	4
VFTN25	7.5	A	4 - 15/16	4	-	S	Seminars in Real Estate Science		KS KE U W T				4
VTTF05	7.5	G2	5 - 16/17	5	-	S	Traffic Engineering Theory: Accessibility, Level of service, Safety and Environment		KS KE U W T	1			

[GEMA20](#) English for Engineers: *LTH common courses (courses where the course code begins with GEM) counts as external elective courses in the degree requirements for students admitted autumn 2011 and later.*

[GEMA25](#) German for Engineers: *LTH common courses (courses where the course code begins with GEM) counts as external elective courses in the degree requirements for students admitted autumn 2011 and later.*

[GEMA70](#) Japanese for Engineers: *LTH common courses (courses where the course code begins with GEM) counts as external elective courses in the degree requirements for students admitted autumn 2011 and later.*

[GEMA65](#) Chinese for Engineers: *LTH common courses (courses where the course code begins with GEM) counts as external elective courses in the degree requirements for students admitted autumn 2011 and later.*

[GEMA01](#) French for Engineers: Language, Culture and Society, First Course: *LTH common courses (courses where the course code begins with GEM) counts as external elective courses in the degree requirements for students admitted autumn 2011 and later.*

[GEMA55](#) Medicine for Engineers: *The course is offered every other academic year and will be given in 2015/16, 2017/18 LTH common courses (courses where the course code begins with GEM) counts as external elective courses in the degree requirements for students admitted autumn 2011 and later.*

Bachelor's Projects - L

The list contains the bachelor's projects that are included in the L programme. The list is not necessarily complete before the academic year 2016/17.

Links

Course Code	Credits	Course Name	Links
VBEL01	15	Bachelor Project in Construction Management	KS KE U W
VGML01	15	Bachelor Project in Geodetic Surveying	KS KE U
VFTL01	15	Bachelor Project in Real Estate Science	KS KE U
ASBL01	15	Bachelor Project in Urban Planning and Design	KS KE U

Degree Projects - L

The list contains the degree project courses that are included in the L programme.

Links

Course Code	Credits	Course Name	Links
VBEM01	30	Degree Project in Construction Management	KS KE U W
VGM820	30	Degree Project in Geodetic Surveying for Engineers	KS KE U
EXTM05	30	Degree Project in Geographic Information Technology	KS KE U W
VFT920	30	Degree Project in Real Estate Science	KS KE U W
ASBM05	30	Degree Project in Urban Planning and Design	KS KE U