

## Department of Technology and Society

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	13/14	13/14	13/14	13/14
									sp1	sp2	sp3	sp4
<a href="#">VGME15</a>	5	G2	<a href="#">V</a>	-	S	Geodetic Surveying		<a href="#">KS KE U W T</a>	1			
<a href="#">VGME10</a>	7.5	G2	<a href="#">L, V</a>	-	S	Geodesy		<a href="#">KS KE U W T</a>				4
<a href="#">VGM630</a>	6	G1	<a href="#">IBYA, IBYI, IBYV</a>	-	S	Introduction to Geomatics		<a href="#">KS KE U W</a>				4

## Environmental and Energy Systems Studies

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	13/14	13/14	13/14	13/14
									sp1	sp2	sp3	sp4
<a href="#">EMI031</a>	6	G2	<a href="#">V</a>	-	S	Environmental Science, Especially Environmental Chemistry	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1				
<a href="#">EMI050</a>	7.5	A	<a href="#">C</a> , <a href="#">D</a> , <a href="#">E</a> , <a href="#">F</a> , <a href="#">I</a> , <a href="#">Pi</a> , <a href="#">W</a>	-	S	Energy Systems Analysis: Energy, Environment and Natural Resources	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2			
<a href="#">EMIF20</a>	7.5	G2	<a href="#">E</a> , <a href="#">M</a> , <a href="#">MD</a> , <a href="#">MLIV</a> , <a href="#">Pi</a>	X	E	Environmental Issues	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2			
<a href="#">EMI110</a>	7.5	A	<a href="#">W</a>	-	S	Environmental Management Systems	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2			
<a href="#">EMIF15</a>	7.5	G2	<a href="#">A</a> , <a href="#">B</a> , <a href="#">C</a> , <a href="#">D</a> , <a href="#">E</a> , <a href="#">M</a> , <a href="#">MD</a> , <a href="#">RH</a>	-	S	Environmental Science	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2			
<a href="#">EMIF01</a>	6	G2	<a href="#">I</a>	-	S	Environmental System Studies: Management for Sustainable Development	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2			
<a href="#">EMI055</a>	7.5	A	<a href="#">E</a> , <a href="#">E</a> , <a href="#">V</a> , <a href="#">W</a>	-	S	Environmental Systems Studies: Life Cycle Analysis	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2			

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									sp1	sp2	sp3	sp4
<a href="#">EMI090</a>	15	G2	<a href="#">W</a>	-	S	Solid Waste Management		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2		
<a href="#">EMIF10</a>	6	G2	<a href="#">Pi</a>	-	S	Environmental Systems Studies and Sustainable Development		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2	3	
<a href="#">EMIN10</a>	7.5	A	<a href="#">L</a> , <a href="#">V</a>	-	S	Environmental Systems Studies: Environmental Impact Assessment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">EMIA01</a>	4	G1	<a href="#">IBYA</a> , <a href="#">IBYI</a> , <a href="#">IBYV</a>	-	S	Environmental Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">EMI040</a>	7.5	A	<a href="#">C</a> , <a href="#">D</a> , <a href="#">E</a> , <a href="#">F</a> , <a href="#">I</a> , <a href="#">M</a> , <a href="#">MD</a> , <a href="#">Pi</a> , <a href="#">RH</a> , <a href="#">W</a>	-	S	Energy Systems Analysis: Renewable Sources of Energy	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">EMIF05</a>	12	G2	<a href="#">W</a>	-	S	Environmental Management		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">EMIN05</a>	7.5	A	<a href="#">E</a> , <a href="#">I</a> , <a href="#">Pi</a> , <a href="#">W</a>	-	S	Environmental System Studies: Climate, Science and Politics	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								13/14 sp1	13/14 sp2	13/14 sp3	13/14 sp4
<a href="#">EMI085</a>	15	A	<a href="#">W</a>	-	S	Environmental Systems Studies: Environmental Impact Assessment	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">VTVA01</a>	12	G1	<a href="#">L</a>	-	S	Infrastructure Technique	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">EMI070</a>	7.5	A	<a href="#">E</a> , <a href="#">M</a> , <a href="#">Pi</a> , <a href="#">W</a>	X	E	Environmental Issues, Thematic Course	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">VTVA05</a>	12	G1	<a href="#">L</a>	-	S	Sustainable Construction	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4

[EMI040](#) (I) Energy Systems Analysis: Renewable Sources of Energy: *Compulsory course in the elective block 'Energy and Environmental Engineering' for students admitted autumn 2011. The course is also an optional programme course.*

[EMIN05](#) (I) Environmental System Studies: Climate, Science and Politics: *Compulsory course in the elective block 'Energy and Environmental Engineering' for students admitted autumn 2011. The course is also an optional programme course.*

## Real Estate Science

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	13/14	13/14	13/14	13/14
									sp1	sp2	sp3	sp4
<a href="#">VFVN05</a>	7.5	A	L	-	S	Cadastral Procedure		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">VFVF01</a>	15	G2	L	-	S	Economics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">VFER071</a>	7.5	A	L	X	E1	International Real Estate Law		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">VFVN10</a>	7.5	A	L	-	S	Land Planning and Building Permits		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">VFV015</a>	7.5	A	L	-	S	The Real Estate Market		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">VFVN10</a>	7.5	A	L	-	S	Urban Economics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">VFER140</a>	15	G1	L	-	S	Introductory Law and Real Estate Law		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	13/14	13/14	13/14	13/14
									sp1	sp2	sp3	sp4
<a href="#">VFR035</a>	7.5	G2	L	-	S	Co-operative Housing	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">VFR180</a>	7.5	A	L	-	S	Land Use Law	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">VFTN15</a>	7.5	A	L	-	S	Law and Economics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">VFTN20</a>	7.5	A	L	-	S	Principles of Compensation in Real Estate	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">VFTF05</a>	15	G2	L	-	S	Real Estate Appraisal	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">VFR120</a>	7.5	A	L, Y	-	S	Real Estate Finance	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">VFTN01</a>	7.5	A	L	-	S	Real Estate Appraisal Systems	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				3	

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								13/14 sp1	13/14 sp2	13/14 sp3	13/14 sp4
<a href="#">VERN01</a>	7.5	A	L	-	S	Tenancy	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">VFETA01</a>	18	G1	L	-	S	Real Estate and Physical Planning	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">VFTE10</a>	15	G2	L	-	S	Real Property Formation	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">VERN05</a>	7.5	A	L	-	S	Purchasing Commercial Real Estate	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">VFVN25</a>	7.5	A	L	-	S	Seminars in Real Estate Science	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4

## Traffic and Roads

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	13/14	13/14	13/14	13/14
									sp1	sp2	sp3	sp4
<a href="#">VTVA30</a>	5	G1	<a href="#">IBYA</a> , <a href="#">IBYI</a> , <a href="#">IBYV</a>	-	S	Basic Statistics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	1				
<a href="#">VTVA55</a>	3	G1	<a href="#">IBYI</a> , <a href="#">IBYV</a>	-	S	CAD - Road and Railway	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	1				
<a href="#">VTVN01</a>	7.5	A	<a href="#">IBYV</a> , <a href="#">V</a>	-	S	Highway Design	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1				
<a href="#">VVBN05</a>	7.5	A	<a href="#">IBYV</a> , <a href="#">V</a>	-	S	Highway Maintenance	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1				
<a href="#">VVB645</a>	4.5	G2	<a href="#">IBYI</a>	-	S	Railway in a European Perspective	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	1				
<a href="#">VVBF20</a>	5	G2	<a href="#">V</a>	-	S	Road Construction	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1				
<a href="#">VTTE05</a>	7.5	G2	<a href="#">IBYI</a> , <a href="#">IBYV</a> , <a href="#">L</a> , <a href="#">V</a>	-	S	Traffic Engineering Theory: Accessibility, Level of service, Safety and Environment	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1				



Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	13/14	13/14	13/14	13/14
									sp1	sp2	sp3	sp4
<a href="#">VTVA10</a>	4	G1	<a href="#">V</a>	-	S	Engineering Skills with CAD	<a href="#">KS KE U W T</a>	1	2			
<a href="#">VTVF80</a>	11	G2	<a href="#">IBYI</a>	-	S	Railway Planning and Design Methodology	<a href="#">KS KE U W T</a>	1	2			
<a href="#">VTVA35</a>	9	G1	<a href="#">IBYI</a>	-	S	Track and Permanent Way for Engineers	<a href="#">KS KE U W T</a>	1	2			
<a href="#">VTVA50</a>	9	G1	<a href="#">IBYI, IBYV</a>	-	S	Transports and Society	<a href="#">KS KE U W T</a>	1	2			
<a href="#">VTTN01</a>	15	A	<a href="#">V</a>	-	S	Urban Traffic and Road Project	<a href="#">KS KE U W T</a>	1	2			
<a href="#">VVBF25</a>	8	G2	<a href="#">IBYV</a>	-	S	Road Construction and Production Planning	<a href="#">KS KE U W T</a>	1	2	3		
<a href="#">VFR601</a>	4.5	G1	<a href="#">IBYI, IBYV</a>	-	S	Basic Agreement- and Contract Law	<a href="#">KS KE U</a>		2			

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	13/14	13/14	13/14	13/14
									sp1	sp2	sp3	sp4
<a href="#">VTTF10</a>	7.5	G2	<a href="#">IBYV, Y</a>	-	S	Effects of Traffic: Accessibility, Level of Service, Safety and Environment	<a href="#">KS KE U W T</a>		2			
<a href="#">VTVE70</a>	7	G2	<a href="#">IBYI</a>	-	S	Maintenance of Railway Constructions	<a href="#">KS KE U W</a>		2			
<a href="#">VVBN01</a>	7.5	A	<a href="#">Y</a>	-	S	Project Course Infrastructure	<a href="#">KS KE U W</a>		2			
<a href="#">VTVE85</a>	7.5	G2	<a href="#">IBYV, Y</a>	-	S	Railway Design	<a href="#">KS KE U W T</a>		2			
<a href="#">VTTF01</a>	7.5	G2	<a href="#">L, Y</a>	-	S	Traffic Engineering	<a href="#">KS KE U W T</a>		2			
<a href="#">VTTN05</a>	7.5	A	<a href="#">Y</a>	X	E	Transport Management	<a href="#">KS KE U W T</a>		2			
<a href="#">VTVE45</a>	10	G2	<a href="#">IBYI</a>	-	S	Electric Power Systems for Electrified Railway	<a href="#">KS KE U W T</a>		2	3		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								13/14 sp1	13/14 sp2	13/14 sp3	13/14 sp4
<a href="#">VVBF10</a>	7.5	G2	<a href="#">IBYI</a> , <a href="#">IBYV</a> , <a href="#">V</a>	-	S	Economics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">VVBF15</a>	7.5	G2	<a href="#">IBYI</a>	-	S	Interaction between Track and Vehicle-trackvehicle Technique	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">VVBN10</a>	7.5	A	<a href="#">IBYV</a> , <a href="#">V</a>	-	S	Pavement Design and Construction	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">VTVA45</a>	7	G1	<a href="#">IBYI</a> , <a href="#">IBYV</a>	-	S	Road and Railway Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">VTVE35</a>	12	G2	<a href="#">IBYI</a>	-	S	Traffic Control and Telecommunication in Railway Traffic	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">VTTN10</a>	7.5	A	<a href="#">IBYV</a> , <a href="#">V</a>	X	S	Public Transport	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">VVBF30</a>	8	G2	<a href="#">IBYV</a>	-	S	Road and Street Design	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4

## 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
VGML01	15	<a href="#">L</a> , <a href="#">V</a>	Bachelor Project in Geodetic Surveying	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
FMIL01	15	<a href="#">V</a> , <a href="#">W</a>	Bachelor Project in Environmental Studies	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VFTL01	15	<a href="#">L</a>	Bachelor Project in Real Estate Science	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VVBL01	15	<a href="#">V</a>	Bachelor Project in Road Construction	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
VTTL01	15	<a href="#">V</a>	Bachelor Project in Traffic Planning and Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>

## 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
VGM820	30	<a href="#">L</a> , <a href="#">V</a>	Degree Project in Geodetic Surveying for Engineers	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
FMI820	30	<a href="#">E</a> , <a href="#">I</a> , <a href="#">M</a> , <a href="#">RH</a> , <a href="#">V</a> , <a href="#">W</a>	Degree Project in Environmental Studies	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
VFT920	30	<a href="#">L</a>	Degree Project in Real Estate Science	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
VVB820	30	<a href="#">V</a>	Degree Project in Road Construction for Engineers	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
VTT820	30	<a href="#">V</a>	Degree Project in Traffic Planning and Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VTT616	22.5	<a href="#">IBYA</a> , <a href="#">IBYL</a> , <a href="#">IBYV</a>	Degree Project Infrastructure	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>