

## Environmental and Energy Systems Studies

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
<a href="#">EMIF50</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="#">EMIN25</a>	7.5	A	<a href="#">BME</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="#">MLIV</a> , <a href="#">RH</a>	X	E	Environmental Issues	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2		
<a href="#">EMIN15</a>	7.5	A	<a href="#">I</a> , <a href="#">W</a>	-	S	Environmental Management Systems	X	<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="#">EMIN30</a>	7.5	A	<a href="#">E</a> , <a href="#">F</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		
<a href="#">EMIF40</a>	15	G2	<a href="#">W</a>	-	S	Solid Waste Management and Resource Management		<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	18/19	18/19	18/19	18/19
									sp1	sp2	sp3	sp4
<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="#">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="#">EMIN20</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>	X	E1	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
<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="#">EMIF45</a>	4	G2	<a href="#">C</a> , <a href="#">D</a>	-	S	Sustainability and Resource Use with Perspectives on Information and Communication Technology		<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			
								18/19 sp1	18/19 sp2	18/19 sp3	18/19 sp4
<a href="#">EMIN45</a>	7.5	A	<a href="#">L</a> , <a href="#">W</a>	-	S	Environmental Impact Assessment	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">EMIN50</a>	7.5	A	<a href="#">E</a> , <a href="#">W</a>	X	E	Environmental Issues, Project 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
<a href="#">EMIF30</a>	3	G2	<a href="#">E</a>	-	S	Sustainable Development	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">EMIF35</a>	4	G2	<a href="#">E</a>	-	S	Sustainable Development from an Electro-technological Perspective	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4

[FMIF20](#) ([MLIV](#)) Environmental Issues: *Students admitted autumn 2014 and later must complete and pass at least one of the courses [FMIF20](#), [KBTF05](#) or [KMBF10](#) in order to qualify for their Master's degree.*

[EMIN15](#) ([W](#)) Environmental Management Systems: *Replaces [FMI110](#) Environmental management systems*

[FMIN20](#) ([I](#)) Energy Systems Analysis: Renewable Sources of Energy: *Compulsory course in the elective block 'Energy and Environmental Engineering' for students admitted autumn 2015. 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 2015. The course is also an optional programme course.*

## Real Estate Science

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
<a href="#">VFTN05</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="#">VFTF01</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="#">VERN10</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="#">VFTN15</a>	7.5	A	L	-	S	Law and Economics	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	Course on hold			
<a href="#">VFTN50</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="#">VFTN10</a>	7.5	A	L	X	E1	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="#">VFETA05</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		
<a href="#">VFTN35</a>	7.5	A	L	-	S	Evolutionäre Urban Processes		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">T</a>		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
<a href="#">VFTN30</a>	7.5	A	L	X	E1	International Real Estate Planning	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2		
<a href="#">VFTN45</a>	7.5	A	L	-	S	Land Use Law	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	Course on hold			
<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="#">VFTE20</a>	7.5	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="#">VFTN40</a>	7.5	A	L, V	-	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="#">VFTE15</a>	7.5	G2	L	-	S	Takings - Valuation and Compensation		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2		
<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>			3	
<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		18/19	18/19	18/19	18/19	
								sp1	sp2	sp3	sp4			
<a href="#">VFVN55</a>	7.5	A	L	-	S	Residential Tenancy		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	
<a href="#">VFVA01</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="#">VFVF10</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="#">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
<a href="#">VFVN01</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>		4

[VFVN15](#) (L) Law and Economics: *The course is offered every other academic year and will next be offered in 2019/20.*

[VFVN30](#) (L) International Real Estate Planning: *The course is offered every other academic year and will be given 2018/19, 2020/21.*

[VFVN45](#) (L) Land Use Law: *The course is offered every other academic year and will next be offered in 2019/20.*

## Traffic and Roads



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
<a href="#">VGME15</a>	5	G2	<a href="#">V</a>	X	E	Geodetic Surveying	<a href="#">KS KE U W T</a>	1				
<a href="#">VTVN01</a>	7.5	A	<a href="#">IBYV, V</a>	-	S	Highway Design	<a href="#">KS KE U W T</a>	1				
<a href="#">VVBN05</a>	7.5	A	<a href="#">IBYV, V</a>	-	S	Highway Maintenance	<a href="#">KS KE U W T</a>	1				
<a href="#">VTVG01</a>	4.5	G2	<a href="#">IBYI</a>	-	S	Railway in an International Perspective	<a href="#">KS KE U W T</a>	1				
<a href="#">VVBF20</a>	5	G2	<a href="#">V</a>	-	S	Road Construction	<a href="#">KS KE U W T</a>	1				
<a href="#">VTVN15</a>	7.5	A	<a href="#">V</a>	X	E1	Traffic Engineering and Analysis	<a href="#">KS KE U W T</a>	1				
<a href="#">VTTE05</a>	7.5	G2	<a href="#">IBYI, IBYV</a>	-	S	Traffic Engineering Theory: Accessibility, Level of service, Safety and Environment	<a href="#">KS KE U W T</a>	1				

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
<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="#">VTVE95</a>	7.5	G2	<a href="#">IBYV</a>	-	S	Road Construction and Water Systems	<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="#">VTTF10</a>	7.5	G2	<a href="#">IBYV</a>	-	S	Effects of Traffic: Accessibility, Level of Service, Safety and Environment	<a href="#">KS KE U W T</a>		2			
<a href="#">VVBE15</a>	7.5	G2	<a href="#">IBYI</a>	-	S	Interaction between Track and Vehicle-trackvehicle Technique	<a href="#">KS KE U W T</a>		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
<a href="#">VTVF85</a>	7.5	G2	<a href="#">IBYV, V</a>	-	S	Railway Design		<a href="#">KS KE U W T</a>		2		
<a href="#">VTTF01</a>	7.5	G2	<a href="#">L, V</a>	-	S	Traffic Engineering		<a href="#">KS KE U W T</a>		2		
<a href="#">VTVN20</a>	7.5	A	<a href="#">V</a>	X	E1	Traffic Safety		<a href="#">KS KE U W T</a>		2		
<a href="#">VTTN05</a>	7.5	A	<a href="#">V</a>	X	E	Transport Management	X	<a href="#">KS KE U W T</a>	Course on hold			
<a href="#">VTVN05</a>	7.5	A	<a href="#">V</a>	-	S	Urban Infrastructure Design	X	<a href="#">KS KE U W T</a>		2		
<a href="#">VTVF45</a>	10	G2	<a href="#">IBYI</a>	-	S	Electric Power Systems for Electrified Railway		<a href="#">KS KE U W T</a>		2	3	
<a href="#">VVBE10</a>	7.5	G2	<a href="#">IBYI, IBYV, V</a>	-	S	Economics		<a href="#">KS KE U W T</a>			3	
<a href="#">VVBN10</a>	7.5	A	<a href="#">IBYV, V</a>	-	S	Pavement Design and Construction		<a href="#">KS KE U W T</a>			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
<a href="#">VTVN10</a>	7.5	A	<a href="#">V</a>	X	E1	Traffic Simulation	<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="#">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="#">VTVA45</a>			<a href="#">IBYI</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="#">VGME10</a>	7.5	G2	<a href="#">L</a> , <a href="#">V</a>	X	E1	Geodesy	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">VGMA05</a>	6	G1	<a href="#">IBYA</a> , <a href="#">IBYI</a> , <a href="#">IBYV</a>	-	S	Geodetic Surveying	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				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

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links			
				S.Ex. stud.				18/19 sp1	18/19 sp2	18/19 sp3	18/19 sp4
<a href="#">VTTN10</a>			<a href="#">IBYI</a>								4
<a href="#">VTVE90</a>	9	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

[VTTN05](#) (V) Transport Management: *The course is offered every other academic year and will next be offered in 2019/20.*

[VTVN05](#) (V) Urban Infrastructure Design: *The course is offered every other academic year and will be given 2018/19, 2020/21.*

## 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
FMIL01	15	<a href="#">E</a> , <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>
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>
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
FMIM01	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>
VFTM01	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>
VGMM01	30	<a href="#">L</a> , <a href="#">V</a>	Degree Project in Geodetic Surveying	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VTVM05	30	<a href="#">V</a>	Degree Project in Road Construction	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
VTVM01	30	<a href="#">V</a>	Degree Project in Traffic Planning and Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VTVL01	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>