

# Environmental Engineering

## Study Year 1 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	08/09					
								sp4					
								F	O	L	H	S	
<a href="#">EMAA05</a>	15	G1	-	S	Calculus in One Variable		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">VVR111</a>	15	G1	X	E	Hydrology and Aquatic Ecology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">FAFA20</a>	10	G1	-	S	Energy and Environmental Physics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KOOA01</a>	5	G1	-	S	Introductory Chemistry		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">VTGA05</a>	5	G1	-	S	Engineering Geology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>	32	16	16	0	80	
<a href="#">EXTA01</a>	10	G1	X	E	Terrestrial Ecology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	36	32	56	0	100	

## Study Year 2 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	08/09					
								sp4					
								F	O	L	H	S	
<a href="#">FMA420</a>	6	G1	-	S	Linear Algebra		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KFKA01</a>	10	G1	-	S	Thermodynamics and Surface Chemistry		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">FHL055</a>	7.5	G1	-	S	Engineering Mechanics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KOKA10</a>	7	G1	-	S	Organic Chemistry		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KMB050</a>	15	G1	X	E	Molecular Cell Biology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KOOF01</a>	5	G2	X	E	Applied Aquatic Chemistry		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	19	28	10	0	76	
<a href="#">FKFF01</a>	4	G2	-	E2	Atmospheric Chemistry and Physics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	14	12	0	4	75	
<a href="#">FMA430</a>	6	G1	-	S	Calculus in Several Variables		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	50	28	4	0	90	

## Study Year 3 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	08/09				
								sp4				
								F	O	L	H	S
<a href="#">VVR120</a>	7.5	G2	X	E	Fluid Mechanics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">EMS140</a>	7.5	G2	-	S	Mathematical Statistics, Basic Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">KTE170</a>	15	G2	X	E	Mass Transfer Processes in Environmental Engineering		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">FMI065</a>	9	G2	-	S	Environmental Management		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">FRT110</a>	6	G2	-	S	Systems Engineering		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	24	24	12	0	70

## Specialisation ea - Energy Systems Analysis

Course Code	Credits	Cycle	Mand./ Elect.		Language			Course Name	Footnote	Links	sp4	F O L H S					
			Year	From year	S.Ex. stud.												
<a href="#">MVK061</a>	6	A	V	4	3	-	E1	Energy Utilisation		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>							
<a href="#">AEB010</a>	7.5	G2	V	4	3	X	E1	Solar Heating Technology, Basic Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>							
<a href="#">MVK026</a>	6	G2	V	4	3	-	S	Theory of Turbo Machinery		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>							
<a href="#">FMI050</a>	7.5	A	V	4	3	-	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="#">FMIN01</a>	6	A	V	4	4	X	E2	Environmental System Studies: Climate, Science and Politics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>							
<a href="#">MVK071</a>	6	A	V	4	3	-	E1	Energy Supply Systems		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>							
<a href="#">MVKN10</a>	5	A	V	4	3	X	S	Energy Transportation		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>							
<a href="#">MVK051</a>	7.5	A	V	4	3	X	S	Steam and Gas Turbine Engineering		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>							
<a href="#">MVK093</a>	6	G2	V	4	3	-	S	Introduction to Combustion Engines		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>							
<a href="#">AEB020</a>	7.5	G2	V	4	3	X	E1	Photovoltaic Systems, Basic Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>							
<a href="#">FMI040</a>	7.5	A	V	4	3	-	S	Energy Systems Analysis: Renewable Sources of Energy		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	12	6	0	0	50		
<a href="#">MVK120</a>	7.5	A	V	4	3	-	E1	Project Energy Economics and Planning		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	4	0	0	42	54		
<a href="#">MVK106</a>	6	A	V	4	3	-	S	Advanced Combustion Engine Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	28	28	20	0	55		
<a href="#">FMI070</a>	7.5	A	V	4	3	X	E2	Environmental Issues, Thematic Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	6	20	0	0	174		
<a href="#">FBR012</a>	7.5	G2	V	4	4	X	E1	Fundamental Combustion		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	24	8	8	60	100		

## Specialisation ma - Environmental Systems Analysis

Course Code	Credits	Cycle	Mand./ Elect.	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links	sp4				
											F	O	L	H	S
<a href="#">FMIN01</a>	6	A	V	4	4	X	E2	Environmental System Studies: Climate, Science and Politics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">FMI055</a>	7.5	A	V	4	3	-	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="#">FMI090</a>	15	G2	V	4	3	-	S	Solid Waste Management		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">FMI110</a>	7.5	A	V	4	3	-	S	Environmental Management Systems		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	15	15	0	0	70
<a href="#">FMI085</a>	15	A	V	4	3	-	S	Environmental Systems Studies: Environmental Impact Assessment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	18	44	0	0	138

### Specialisation ne - Conservation Ecology and Ecotoxicology

Course Code	Credits	Cycle	Mand./ Elect.	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links	sp4				
											F	O	L	H	S
<a href="#">EXTN20</a>	15	A	V	4	4	-	E2	Soil Ecology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">TEK045</a>	15	A	V	4	4	-	S	Nature Conservancy		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">TEK095</a>	15	A	V	4	4	X	E1	Ecotoxicology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">TEK097</a>	15	A	V	4	4	-	E2	Applied Ecotoxicology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	84	116	0	0	200
<a href="#">TEK105</a>	15	A	V	4	4	-	S	Biological Monitoring		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	84	116	0	0	200

### Specialisation p - Process Design

Course Code	Credits	Cycle	Mand./ Elect.		Language			Course Name	Footnote	Links	sp4	F O L H S				
			Year	From year	S.Ex. stud.											
<a href="#">KET040</a>	7.5	G2	V	4	3	-	S	Chemical Process Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KAT051</a>	7.5	A	V	4	3	-	S	Separation Processes, Advanced Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">MAM242</a>	7.5	G2	V	4	3	X	E1	Aerosol Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KTE061</a>	7.5	A	V	4	3	-	S	Chemical Reaction Engineering, Advanced Course	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KET010</a>	7.5	A	V	4	3	-	S	Energy and Environment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KBT080</a>	7.5	G2	V	4	3	X	E	Environmental Biotechnology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KTE131</a>	7.5	G2	V	4	3	-	S	Loss Prevention		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">KET050</a>	15	A	V	4	4	-	S	Feasibility Studies on Industrial Plants		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	0	56	0	0	100	
<a href="#">KAT080</a>	7.5	A	V	4	3	X	E2	Particle Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	30	12	10	30	90	

[KTE061](#) Chemical Reaction Engineering, Advanced Course: *Hemtentamen*

## Specialisation ve - Aquatic Habitat Management and Ecotoxicology

Course Code	Credits	Cycle	Mand./ Elect.		Language			Course Name	Footnote	Links	sp4	F O L H S				
			Year	From year	S.Ex. stud.											
<a href="#">TEK035</a>	15	A	V	4	4	X	E1	Limnology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">EXTN25</a>	15	A	V	4	4	-	S	Water Management		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">TEK095</a>	15	A	V	4	4	X	E1	Ecotoxicology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>						
<a href="#">VVR170</a>	7.5	A	V	4	3	X	E	River Restoration		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	15	0	8	6	70	
<a href="#">TEK097</a>	15	A	V	4	4	-	E2	Applied Ecotoxicology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	84	116	0	0	200	
<a href="#">KTE190</a>	7.5	G2	V	4	3	X	E1	Biogeochemical Modelling		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	24	60	0	0	80	

## Specialisation vr - Water Resources Engineering

Course Code	Credits	Cycle	Mand./ Elect.		Language			Course Name	Footnote	Links	sp4	F O L H S						
			Year	From year	S.Ex. stud.													
<a href="#">VVR176</a>	7.5	A	V	4	3	X	E	Environmental Hydraulics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVRF01</a>	7.5	G2	V	4	3	X	E	Integrated Water Resources Management: International Aspects		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVA910</a>	7.5	A	V	4	4	X	E2	Project course part I	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVA920</a>	7.5	A	V	4	4	X	E2	Project course part II	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVR140</a>	7.5	A	V	4	3	X	E	Rural Waters		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVA030</a>	15	A	V	4	4	X	E	Urban Waters		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVRN01</a>	7.5	A	V	4	4	X	E	Advanced Hydraulics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVRN05</a>	7.5	A	V	4	4	X	E	Advanced Hydrology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVA910</a>	7.5	A	V	4	4	X	E2	Project course part I	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVA920</a>	7.5	A	V	4	4	X	E2	Project course part II	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VTG070</a>	15	A	V	4	3	X	E	Groundwater and environment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVA910</a>	7.5	A	V	4	4	X	E2	Project course part I	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVA920</a>	7.5	A	V	4	4	X	E2	Project course part II	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>								
<a href="#">VVAN01</a>	7.5	A	V	4	4	X	E	Decentralized Water and Wastewater Treatment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	0	6	0	30	100			
<a href="#">VVR090</a>	7.5	A	V	4	3	X	E	Hydromechanics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	18	10	0	0	70			
<a href="#">VVR170</a>	7.5	A	V	4	3	X	E	River Restoration		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	15	0	8	6	70			
<a href="#">VVR040</a>	7.5	A	V	4	3	X	E	Coastal Hydraulics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	28	28	0	0	144			
<a href="#">VVA910</a>	7.5	A	V	4	4	X	E2	Project course part I	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	0	0	0	0	200			
<a href="#">VVA920</a>	7.5	A	V	4	4	X	E2	Project course part II	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	0	0	0	0	200			

[VVA910](#) Project course part I: *Kursen är inte knuten till någon specifik läsperiod. Uppgifterna om timmar förutsätter att kursen går över en läsperiod. Individuell studieplan ska upprättas och godkännas.*

[VVA920](#) Project course part II: *Kursen är inte knuten till någon specifik läsperiod. Uppgifterna om timmar förutsätter att kursen går över en läsperiod. Individuell studieplan ska upprättas och godkännas.*

## Elective Courses - W

Course Code	Credits	Cycle	Language				Course Name	Footnote	Links	sp4				
			Year	From year	S.Ex. stud.						F	O	L	H
<a href="#">MIO012</a>	6	G1	3	1	-	S	Managerial Economics, Basic Course	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">GEMA30</a>	4.5	G1	3	1	-	S	Swedish for Engineers		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">GEMA20</a>	7.5	G1	3	1	-	E	English for Engineers	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">GEMA05</a>	7.5	G1	3	1	-	S	French for Engineers: Language, Culture and Society, Second Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">GEMA25</a>	7.5	G1	3	1	-	S	German for Engineers		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>					
<a href="#">GEMA50</a>	4.5	G1	3	1	-	S	History of Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">GEMA60</a>	7.5	G1	3	1	-	S	Law for Engineers, Introductory Course in Business Law	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">EDAA01</a>	7.5	G1	3	3	-	S	Programming - Second Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">GEMA10</a>	7.5	G1	3	1	-	S	Spanish for Engineers: Language, Culture and Society, First Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">MIO012</a>	6	G1	3	1	-	S	Managerial Economics, Basic Course	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">MIOA01</a>	9	G1	3	1	-	S	Managerial Economics, Basic Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">GEMA65</a>	7.5	G1	3	1	-	S	Chinese for Engineers		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>	0	20	0	0	80
<a href="#">GEMA20</a>	7.5	G1	3	1	-	E	English for Engineers	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	20	0	0	0	30
<a href="#">GEMA40</a>	7.5	G1	3	1	-	S	Entrepreneurship and Business Development		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	23	0	0	5	75
<a href="#">AAM010</a>	7.5	G2	3	3	X	E2	Environmental Psychology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	12	18	0	0	30
<a href="#">GEMA01</a>	7.5	G1	3	1	-	S	French for Engineers: Language, Culture and Society, First Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	0	26	0	0	60
<a href="#">GEMA60</a>	7.5	G1	3	1	-	S	Law for Engineers, Introductory Course in Business Law	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	25	0	0	0	75
<a href="#">GEMA55</a>	6	G1	3	1	-	S	Medicine for Engineers		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	36	0	0	0	40
<a href="#">GEMA15</a>	7.5	G1	3	1	-	S	Spanish for Engineers: Language, Culture and Society, Second Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>	0	26	0	0	60
<a href="#">VVR05</a>	7.5	G2	3	3	-	E	International Summer Water Resources Research School	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	10	10	50	30	100
<a href="#">KET040</a>	7.5	G2	4	3	-	S	Chemical Process Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">MVK061</a>	6	A	4	3	-	E1	Energy Utilisation		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">VVR176</a>	7.5	A	4	4	X	E	Environmental Hydraulics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">VVR01</a>	7.5	G2	4	3	X	E	Integrated Water Resources Management: International Aspects		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">TEK035</a>	15	A	4	4	X	E1	Limnology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links	sp4				
										F	O	L	H	S
<a href="#">VVR140</a>	7.5	A	4	4	X	E	Rural Waters		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">KAT051</a>	7.5	A	4	4	-	S	Separation Processes, Advanced Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">AEB010</a>	7.5	G2	4	4	X	E1	Solar Heating Technology, Basic Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">FMI050</a>	7.5	A	4	3	-	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="#">FMIN01</a>	6	A	4	4	X	E2	Environmental System Studies: Climate, Science and Politics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">FMI055</a>	7.5	A	4	3	-	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="#">GEMF05</a>	7.5	G2	4	1	X	E	Gender in Science and Engineering		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">EDA501</a>	6	G1	4	4	-	S	Programming, First Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">FMI090</a>	15	G2	4	3	-	S	Solid Waste Management		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">VVA030</a>	15	A	4	4	X	E	Urban Waters		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">MAM242</a>	7.5	G2	4	4	X	E1	Aerosol Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">KTE061</a>	7.5	A	4	4	-	S	Chemical Reaction Engineering, Advanced Course	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">KET010</a>	7.5	A	4	4	-	S	Energy and Environment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">MVK071</a>	6	A	4	3	-	E1	Energy Supply Systems		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">MVKN10</a>	5	A	4	3	X	S	Energy Transportation		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">AAMF15</a>	4	G2	4	4	-	S	Environmental Conservation Psychology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">MIO140</a>	6	G2	4	3	-	S	Financial Management		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">TEK045</a>	15	A	4	4	-	S	Nature Conservancy		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">AEBN01</a>	7.5	A	4	4	X	E1	Simulation Methods for Estimations of Energy Use in Buildings		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">VTG070</a>	15	A	4	4	X	E	Groundwater and environment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">TEK095</a>	15	A	4	4	X	E1	Ecotoxicology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">KBT080</a>	7.5	G2	4	4	X	E	Environmental Biotechnology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">KTE131</a>	7.5	G2	4	3	-	S	Loss Prevention		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">AEB020</a>	7.5	G2	4	4	X	E1	Photovoltaic Systems, Basic Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">KETN01</a>	7.5	A	4	4	X	E1	Process Simulation		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">MIO060</a>	4.5	G2	4	4	-	S	Quality and Maintenance Management	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>					
<a href="#">EMA062</a>	7.5	G2	4	1	-	S	Applied Mathematics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	28	14	0	0	58



Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links	sp4				
										F	O	L	H	S
<a href="#">FMI040</a>	7.5	A	4	3	-	S	Energy Systems Analysis: Renewable Sources of Energy		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	12	6	0	0	50
<a href="#">FMI110</a>	7.5	A	4	4	-	S	Environmental Management Systems		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	15	15	0	0	70
<a href="#">FMI085</a>	15	A	4	4	-	S	Environmental Systems Studies: Environmental Impact Assessment		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	18	44	0	0	138
<a href="#">KET050</a>	15	A	4	4	-	S	Feasibility Studies on Industrial Plants		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	0	56	0	0	100
<a href="#">VVR090</a>	7.5	A	4	3	X	E	Hydromechanics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	18	10	0	0	70
<a href="#">FKF100</a>	7.5	A	4	4	X	E1	Methods for Environmental Monitoring		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	8	0	4	4	80
<a href="#">VVR170</a>	7.5	A	4	4	X	E	River Restoration		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	15	0	8	6	70
<a href="#">GEMA45</a>	3	G1	4	1	-	S	Teaching and Learning		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	0	2	0	2	40
<a href="#">TEK097</a>	15	A	4	4	-	E2	Applied Ecotoxicology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	84	116	0	0	200
<a href="#">KTE190</a>	7.5	G2	4	3	X	E1	Biogeochemical Modelling		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	24	60	0	0	80
<a href="#">TEK105</a>	15	A	4	4	-	S	Biological Monitoring		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	84	116	0	0	200
<a href="#">VVR040</a>	7.5	A	4	4	X	E	Coastal Hydraulics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	28	28	0	0	144
<a href="#">FMI070</a>	7.5	A	4	3	X	E2	Environmental Issues, Thematic Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	6	20	0	0	174
<a href="#">EXTF01</a>	7.5	G2	4	3	-	E2	Geographical Information Systems for Landscape Studies	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	16	34	0	0	150
<a href="#">KII010</a>	7.5	G2	4	4	-	E2	Industrial Environmental Management	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	28	0	0	32	80

[MIO012](#) Managerial Economics, Basic Course: *Kursen ges två gånger per läsår. Endast en av kurserna [MIO012](#) och [MIOA01](#) får ingå i examen.*

[GEMA20](#) English for Engineers: *Kursen ges två gånger per läsår.*

[GEMA60](#) Law for Engineers, Introductory Course in Business Law: *Kursen ges två gånger per läsår.*

[VVR050](#) International Summer Water Resources Research School: *Undervisningen äger huvudsakligen rum utanför ordinarie terminstid.*

[KTE061](#) Chemical Reaction Engineering, Advanced Course: *Hemtentamen*

[MIO060](#) Quality and Maintenance Management: *Obligatorisk inom INEK i fördjupningskedjan Produktionsekonomi och logistik*

[EXTF01](#) Geographical Information Systems for Landscape Studies: *Tentamenstid meddelas av kursledaren.*

[KII010](#) Industrial Environmental Management: *Tentamen enligt överenskommelse.*

## Degree Projects - W

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

### Links

Course Code	Credits	Course Name	
MAM720	30	Degree Project in Aerosol Technology	<a href="#">U</a>
KET920	30	Degree Project in Chemical Engineering	<a href="#">U</a>
TEK920	30	Degree Project in Ecology	<a href="#">U</a>
AEB820	30	Degree Project in Energy and Building Design	<a href="#">U</a>
MVK920	30	Degree Project in Energy Sciences	<a href="#">U</a>
VTG820	30	Degree Project in Engineering Geology for Engineers	<a href="#">U</a>
FMI820	30	Degree Project in Environmental Studies	<a href="#">U</a>
MAM920	30	Degree Project in Ergonomics for Engineers	<a href="#">U</a>
TMA820	30	Degree Project in Technology Management	<a href="#">U</a>
VVA820	30	Degree Project in Water and Environmental Engineering	<a href="#">U</a>
VVR820	30	Degree Project in Water Resources Engineering	<a href="#">U</a>