

## Biomedical Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
<a href="#">EEM055</a>	7.5	A	<a href="#">E, E, N</a>	X	E2	Microfluidics		<a href="#">KS KE U W T</a>	1			
<a href="#">EEM031</a>	7.5	G2	<a href="#">D, E, F</a>	-	S	Transducer Technology	X	<a href="#">KS KE U W T</a>	1			
<a href="#">EEMF05</a>	7.5	G2	<a href="#">D, E, E, N, Pi</a>	-	S	Biomedical Measurements	X	<a href="#">KS KE U W T</a>		2		
<a href="#">EEMN10</a>	7.5	A	<a href="#">D, E, F</a>	X	S	Computerised Measurement Systems	X	<a href="#">KS KE U W T</a>		2		
<a href="#">EEMN05</a>	7.5	A	<a href="#">D, E, F</a>	X	E2	EMC, Noise and Noise Reduction		<a href="#">KS KE U W T</a>		2		
<a href="#">EEMA01</a>	9	G1	<a href="#">BME</a>	-	S	Biomedical Design		<a href="#">KS KE U W T</a>		2	3	
<a href="#">ESSF10</a>	5	G2	<a href="#">D, E</a>	-	S	Electrical Measurements		<a href="#">KS KE U W T</a>			3	

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								12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4			
<a href="#">EEM045</a>	7.5	G2	<a href="#">N</a>	-	S	Sensors		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	
<a href="#">EEMN15</a>	7.5	A	<a href="#">D, E, F</a>	X	S	Ultrasound Physics and Technology	X	<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	
<a href="#">EEMF01</a>	9	G2	<a href="#">F</a>	-	S	Business Development and Environmental Aspects		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	4
<a href="#">GEMA55</a>	6	G1	<a href="#">A, B, BI, C, D, E, E, I, K, KID, L, M, MD, MID, N, Pi, RH, V, W</a>	-	S	Medicine for Engineers		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	4
<a href="#">ESSF05</a>	8	G2	<a href="#">E</a>	-	S	Project in Electronics and Sustainable Development		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	4
<a href="#">EEM007</a>	4.5	G2	<a href="#">F</a>	-	S	Electrical Measurements		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>		4
<a href="#">EEMN01</a>	7.5	A	<a href="#">D, E, E, MNAV, MSOC, N</a>	X	E2	Micro Sensors	X	<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>		4

[EEM031](#) (E) Transducer Technology: *Re-examination set by agreement.*

[EEMF05](#) (D, E, F, N) Biomedical Measurements: *Reexam date to be set by agreement.*

[EEMF05](#) (Pi) Biomedical Measurements: *Retake date to be set by agreement.*

[EEMN10](#) (E) Computerised Measurement Systems: *Re-examination set by agreement.*

[EEMN15](#) (E) Ultrasound Physics and Technology: *Re-examination set by agreement.*

[EEMN01](#) (E) Micro Sensors: *Re-examination set by agreement.*

## **Engineering Geology**

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
<a href="#">VTGA01</a>	4	G1	<a href="#">V</a>	-	S	Engineering Geology	<a href="#">KS KE U W T</a>	1				
<a href="#">VTGN01</a>	7.5	A	<a href="#">V, W</a>	X	E2	Field Investigation Methodology	<a href="#">KS KE U W T</a>	1				
<a href="#">VTG021</a>	7.5	G2	<a href="#">MWLU, V, W</a>	X	E	Groundwater Engineering	<a href="#">KS KE U W T</a>		2			
<a href="#">VTGN05</a>	7.5	A	<a href="#">MWLU, V, W</a>	X	E	Groundwater Modelling and Contaminant Transport	<a href="#">KS KE U W T</a>			3		
<a href="#">VTGA05</a>	5	G1	<a href="#">W</a>	-	S	Engineering Geology	<a href="#">KS KE U W T</a>					4
<a href="#">VTGF05</a>	6	G2	<a href="#">BI</a>	-	S	Geotechnology	<a href="#">KS KE U T</a>					4
<a href="#">VTGF01</a>	7.5	G2	<a href="#">V</a>	-	S	Rock Mechanics and Construction	<a href="#">KS KE U W T</a>					4

# Industrial Electrical Engineering and Automation

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
<a href="#">EIEN15</a>	7.5	A	<a href="#">E, M</a>	X	E1	Electric Power Systems	<a href="#">KS KE U W T</a>	1				
<a href="#">MIE100</a>	7.5	A	<a href="#">E, M, MD</a>	X	E2	Hybrid Vehicle Drive Systems	<a href="#">KS KE U W T</a>	1				
<a href="#">EIEF01</a>	10	G2	<a href="#">D, E, E, M, MD, Pi</a>	X	E2	Applied Mechatronics	<a href="#">KS KE U W T</a>	1	2			
<a href="#">EIEF20</a>	7.5	G2	<a href="#">IEA</a>	-	S	Automation, Advanced Course	<a href="#">KS KE U T</a>	1	2			
<a href="#">MIE012</a>	9	G2	<a href="#">MD</a>	-	S	Electrical Engineering, Basic Course	<a href="#">KS KE U W T</a>	1	2			
<a href="#">MIE012</a>			<a href="#">M</a>					1	2			
<a href="#">MIE041</a>	9	G2	<a href="#">M</a>	X	E1	Measurement Systems for Control	X <a href="#">KS KE U W T</a>	1	2			

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									sp1	sp2	sp3	sp4
<a href="#">EIEF15</a>	15	G2	<a href="#">IEA</a>	-	S	Project in Automation	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2			
<a href="#">EIE061</a>	7.5	A	<a href="#">D, E, M, Pi</a>	X	E1	Project in Industrial Electrical Engineering and Automation	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2			
<a href="#">EIE061</a>			<a href="#">D, E, M, Pi</a>							3	4	
<a href="#">EIEF10</a>	7.5	G2	<a href="#">IEA</a>	-	S	Power Electronics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">EIEF05</a>	7.5	G2	<a href="#">IEA</a>	-	S	Power Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">EIEF10</a>	7.5	A	<a href="#">E, F, M, W</a>	X	E1	Wind Power Systems	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">MIE080</a>	7.5	G2	<a href="#">D, E, E, I, M</a>	X	E1	Automation	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3		



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								12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4			
<a href="#">ESSF15</a>	5	G2	<a href="#">E</a> , <a href="#">W</a>	-	S	Electrical Engineering		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	
<a href="#">FRT602</a>	7.5	G2	<a href="#">IDA</a> , <a href="#">IEA</a>	-	S	Automatic Control		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	4
<a href="#">EIEF05</a>	7.5	G2	<a href="#">IEA</a>	-	S	Automation		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	4
<a href="#">EIEN20</a>	7.5	A	<a href="#">E</a> , <a href="#">M</a> , <a href="#">Pi</a>	X	E1	Design of Electrical Machines		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	4
<a href="#">EIEF10</a>	7.5	G2	<a href="#">IEA</a>	-	S	Electrical Machines and Drives		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	4
<a href="#">EIEN01</a>	10	A	<a href="#">D</a> , <a href="#">E</a> , <a href="#">M</a> , <a href="#">MD</a>	X	E2	Mechatronics, Industrial Product Design		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	4
<a href="#">EIE015</a>	12	A	<a href="#">M</a>	X	E1	Power Electronics - Devices, Converters, Control and Applications	X	<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	3	4

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									12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4		
<a href="#">EIE015</a>			<a href="#">E</a>					X					3	4
<a href="#">MIE090</a>	7.5	A	<a href="#">D, E, F, I, M</a>			X	E1	Automation for Complex Systems		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4

[MIE041](#) (M) Measurement Systems for Control: *Exam date to be set by agreement.*

[EIE015](#) (E, M) Power Electronics - Devices, Converters, Control and Applications: [EIE015](#) may not be included in a degree together with either [EIE023](#) or [EIE042](#)

## 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
VTGL01	15	<a href="#">V</a>	Bachelor Project in Engineering Geology	<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
EEM820	30	<a href="#">BME</a> , <a href="#">D</a> , <a href="#">E</a> , <a href="#">F</a> , <a href="#">MSOC</a> , <a href="#">N</a>	Degree Project in Electrical Measurements	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
VTG820	30	<a href="#">MWLU</a> , <a href="#">V</a> , <a href="#">W</a>	Degree Project in Engineering Geology for Engineers	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
EIE920	30	<a href="#">D</a> , <a href="#">E</a> , <a href="#">F</a> , <a href="#">I</a> , <a href="#">M</a>	Degree Project in Industrial Electrical Engineering and Automation	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
EIEL05	22.5	<a href="#">IDA</a> , <a href="#">IDL</a> , <a href="#">IEA</a>	Degree Project in Industrial Electrical Engineering and Automation	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>