

## Automatic Control

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	21/22 sp1				21/22 sp2				21/22 sp3				21/22 sp4											
				S.Ex. stud.					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S				
<a href="#">FRTF20</a>	7.5	G2	<a href="#">D, E, F, I, M, MD, Pi, MPRR, MMSR</a>	X	E	Applied Robotics		<a href="#">KS KE U W T</a>	28	22	8	20	100																			
<a href="#">FRTN55</a>	7.5	A	<a href="#">B, C, D, E, F, I, K, M, N, Pi, MMSR</a>	X	E	Automatic Control, Advanced Course	X	<a href="#">KS KE U W T</a>	30	28	12	0	130																			
<a href="#">FRTN50</a>	7.5	A	<a href="#">D, E, F, I, M, Pi, MMSR</a>	X	E	Optimization for Learning		<a href="#">KS KE U W T</a>	28	28	0	10	130																			
<a href="#">FRTF25</a>	7.5	G2	<a href="#">MMSR</a>	-	E	Introduction to Machine Learning, Systems and Control		<a href="#">KS KE U W T</a>	16	0	12	0	72	14	0	6	0	80														
<a href="#">FRTN65</a>	7.5	A	<a href="#">BME, C, D, E, F, Pi, MMSR</a>	X	E	Modelling and Learning from Data	X	<a href="#">KS KE U W T</a>	16	10	4	0	70	14	10	8	0	68														
<a href="#">FRTF05</a>	7.5	G2	<a href="#">E</a>	-	S	Automatic Control, Basic Course		<a href="#">KS KE U W T</a>	30	30	12	0	128																			
<a href="#">FRTF05</a>			<a href="#">D</a>						30	30	12	0	128																			
<a href="#">FRTF05</a>			<a href="#">C, M, MD, N</a>											30	30	12	0	128														
<a href="#">FRTF05</a>			<a href="#">F</a>						<i>Examinations only</i>																							
<a href="#">FRTF05</a>			<a href="#">BME, I, Pi</a>				X												30	30	12	0	128									
<a href="#">FRTN05</a>	7.5	A	<a href="#">D, E, F, M, Pi, MMSR</a>	X	E	Non-Linear Control and Servo Systems		<a href="#">KS KE U W T</a>						28	28	12	0	130														
<a href="#">FRTF01</a>	5	G2	<a href="#">BME, Pi</a>	X	E	Physiological Models and Computations		<a href="#">KS KE U W T</a>						20	20	0	20	70														
<a href="#">FRTN40</a>	7.5	A	<a href="#">BME, C, D, E, F, M, Pi, MMSR</a>	X	E	Project in Automatic Control	X	<a href="#">KS KE U W T</a>						0	0	0	40	160														
<a href="#">FRTF15</a>	3	G2	<a href="#">D, E, Pi</a>	-	S	Control Theory		<a href="#">KS KE U W T</a>											12	12	0	12	44									
<a href="#">FRTN75</a>	7.5	A	<a href="#">BME, C, D, E, F, Pi, MMSR</a>	X	E	Learning-Based Control	X	<a href="#">KS KE U W T</a>											28	28	12	0	130									
<a href="#">FRTN45</a>	4.5	A	<a href="#">F, I, Pi</a>	-	S	Mathematical Modelling, Advanced Course		<a href="#">KS KE U W T</a>											4	0	0	6	100									
<a href="#">FRTN60</a>	7.5	A	<a href="#">MMSR</a>	-	E	Real-Time Systems		<a href="#">KS KE U W T</a>											34	22	12	0	132									
<a href="#">FRTN01</a>	10	A	<a href="#">Pi</a>	X	E	Real-Time Systems		<a href="#">KS KE U W T</a>											34	22	12	0	132	0	0	0	12	54				
<a href="#">FRTN01</a>			<a href="#">C</a>																34	22	12	0	132	0	0	0	12	54				

Course Code	Credits	Cycle	Programme	Language		S.Ex. stud.	Course Name	Footnote	Links	21/22	21/22	21/22	21/22													
				sp1	sp2					sp3	sp4															
										F	O	L	H	S	F	O	L	H	S	F	O	L	H	S		
<a href="#">FRTN01</a>			<a href="#">BME, D, E, E, I, M</a>																							
<a href="#">FRTN25</a>	7.5	A	<a href="#">K</a>	X	E		Automatic Process Control		<a href="#">KS KE U W T</a>																	
<a href="#">FRTN25</a>			<a href="#">B</a>																							
<a href="#">FRTN30</a>	7.5	A	<a href="#">C, D, E, E, I, Pi, MMSR</a>	X	E		Network Dynamics		<a href="#">KS KE U W T</a>																	
<a href="#">FRTN70</a>	7.5	A	<a href="#">C, D, E, E, Pi, MMSR</a>	X	E		Project in Systems, Control and Learning	X	<a href="#">KS KE U W T</a>																	
<a href="#">ERTF10</a>	6	G2	<a href="#">W</a>	X	E		Systems Engineering		<a href="#">KS KE U W T</a>																	

[FRTN55](#) ([E, I, M](#)) Automatic Control, Advanced Course: *Replaces [FRTN10](#) Multivariable Control*

[FRTN65](#) ([BME, C, D, E, F](#)) Modelling and Learning from Data: *Replaces [FRTN35](#) System Identification.*

[ERTF05](#) ([I](#)) Automatic Control, Basic Course: *I3 who will study the elective block Product Innovation, should take [ERTF05](#) in study period 2.*

[FRTN40](#) ([C, D](#)) Project in Automatic Control:

[FRTN75](#) ([BME, C, D, E, F, Pi, MMSR](#)) Learning-Based Control: *Replaces [FRTN15](#) Predictive Control.*

[FRTN70](#) ([C, D](#)) Project in Systems, Control and Learning:

## 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
FRTL01	15	<a href="#">C</a> , <a href="#">D</a> , <a href="#">E</a> , <a href="#">F</a> , <a href="#">Pi</a>	Bachelor Project in Automatic Control	<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
FRTM01	30	<a href="#">B</a> , <a href="#">BME</a> , <a href="#">C</a> , <a href="#">D</a> , <a href="#">E</a> , <a href="#">E</a> , <a href="#">I</a> , <a href="#">K</a> , <a href="#">M</a> , <a href="#">Pi</a>	Degree Project in Automatic Control	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
FRTM05	30	<a href="#">MMSR</a>	Degree Project in Automatic Control	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>