Master's programme in Wireless Communications

Study Year 1 (Mandatory Courses)

Course Code	Credits	Cycle	Language S.Ex. stud.		Course Name	Footnote	Links	20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
EITG05	7.5	G2	X	E	Digital Communications		KS KE U W T	1			
ETEN10	7.5	A	X	E	Antenna Technology		KS KE U W T		2		
ETTN01	7.5	A	X	E	Digital Communications, Advanced Course		KS KE U W T		2		
ETSN10	7.5	A	X	E	Network Architecture and Performance		KS KE U W T			3	
EITN85	7.5	A	X	E	Wireless Communication Channels		KS KE U W T			3	
EITN75	7.5	A	X	E	Wireless System Design Principles		KS KE U W T				4

Study Year 1 (Elective Mandatory Courses)

Course Code	Credits	Cycle	Language S.Ex. stud.		Course Name	Footnote	Links	20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
EITF50	7.5	G2	X	E	An Introduction to Wireless Systems		KS KE U W T	1			
FMSF10	7.5	G2	X	E	Stationary Stochastic Processes	X	KS KE U W T	1			

FMSF10 Stationary Stochastic Processes: *The course is to be studied together with MASC04*

Study Year 2 (Mandatory Courses)

Course Code	Credits	Cycle	Language S.Ex. stud.		Course Name	Footnote	Links	20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
EITN10	7.5	A	X	E	Multiple Antenna Systems		KS KE U W T	1			
EITN21	7.5	A	X	E	Project in Wireless Communication		KS KE U W T	1	2		

Elective Courses - MWIR

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links		sp1	sp2	sp3	sp4
EITN70	7.5	A	**1**	1	X	E	Channel Coding for Reliable Communication		KS KE U W T			**2**		
ETIN50	7.5	A	**1**	1	X	E	RF Amplifier Design		KS KE U W T			**2**		
ETIA10	7.5	G1	**1**	1	X	E	Patent and Intellectual Property Rights		KS KE U W T				**3**	
EITN45	7.5	A	**1**	1	X	E	Information Theory		KS KE U W T					**4**
EITN35	7.5	A	**2**	2	X	E1	Advanced Course in Electrical and Information Technology	**X**	KS KE U W T		**1**			
EITP30	7.5	A	**2**	2	X	E	Modern Wireless Systems - 5G and Beyond		KS KE U W T		**1**			
EITN60	7.5	A	**2**	1	X	E	Optimum and Adaptive Signal Processing		KS KE U W T		**1**			

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links		sp1	sp2	sp3	sp4
EITN35	7.5	A	2	2	X	E1	Advanced Course in Electrical and Information Technology	X	KS KE U W T			2		
EDIN01	7.5	A	2	1	X	E1	Cryptography		KS KE U W T			2		
EITP10	7.5	A	2	1	X	E	High Performance Fiber Networks		KS KE U T			2		
ETSF10	7.5	G2	2	1	X	E1	Internet Protocols		KS KE U W T			2		
BMEN15	7.5	A	2	2	X	E	Signal Separation - Independent Components		KS KE U W T			2		
EITN35	7.5	A	2	2	X	E1	Advanced Course in Electrical and Information Technology	X	KS KE U W T				3	
BMEN20	7.5	A	2	2	X	E1	Project Course in Signal Processing – from Idea to App		KS KE U W T				3	

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
										sp1	sp2	sp3	sp4
EITN35	7.5	A	**2**	2	X	E1	Advanced Course in Electrical and Information Technology	**X**	KS KE U W T				**4**
EDAN15	7.5	A	**2**	1	X	E	Design of Embedded Systems		KS KE U W T				**4**
FMSF65	7.5	G2	**2**	1	X	E	Design of Experiments		KS KE U W T				**4**

EITN35 Advanced Course in Electrical and Information Technology: *The course starts only after agreement with the department. The course is not linked to any specific study period. The information on hours depends on the course running over a study period. Individual study plans are to be set up and approved.*

Degree Projects - MWIR

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

			Links
Course Code	**Credits**	**Course Name**	
EITM02	30	Degree Project in Electrical and Information Technology	KS KE U W