

Master's programme in Wireless Communications

Study Year 1 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	15/16	15/16	15/16	15/16
								sp1	sp2	sp3	sp4
ETT051	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		
ETTNO1	7.5	A	X	E	Digital Communications, Advanced Course		KS KE U W T		2		
ETSN01	7.5	A	X	E	Advanced Telecommunication		KS KE U W T			3	
ETIN10	7.5	A	X	E	Channel Modelling for Wireless Communication		KS KE U W T			3	
ETIN15	7.5	A	X	E	Radio Systems		KS KE U W T				4

Study Year 1 (Elective Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	15/16	15/16	15/16	15/16
								sp1	sp2	sp3	sp4
ETIF05	7.5	G2	X	E	Basic Wireless Communication Technique		KS KE U W T	1			
EMSE10	7.5	G2	X	E1	Stationary Stochastic Processes		KS KE U W T	1			

Study Year 2 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	15/16	15/16	15/16	15/16
								sp1	sp2	sp3	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 Communications		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	Links			
										sp1	sp2	sp3	sp4
EITN50	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 T				4
EITN35	7.5	A	2	2	X	E1	Advanced Course in Electrical and Information Technology	X	KS KE U W T	1			
ETT15	7.5	A	2	2	X	E	Modern Wireless Systems - LTE and Beyond		KS KE U W T	1			
EITN55	7.5	A	2	2	X	E1	Signal Separation - Independent Components		KS KE U W T	1			
EITN35	7.5	A	2	2	X	E1	Advanced Course in Electrical and Information Technology	X	KS KE U W T		2		

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links								
									sp1	sp2	sp3	sp4					
EDIN01	7.5	A	2	1	X	E1	Cryptography		KS	KE	U	W	T	2			
EDI042	7.5	A	2	1	X	E	Error Control Coding		KS	KE	U	W	T	2			
ETSE10	7.5	G2	2	1	X	E	Internet Protocols		KS	KE	U	W	T	2			
EITN60	7.5	A	2	1	X	E	Optimum and Adaptive Signal Processing		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
ETIN80	7.5	A	2	2	X	E1	Algorithms in Signal Processors – Project Course		KS	KE	U	W	T				3
EITN35	7.5	A	2	2	X	E1	Advanced Course in Electrical and Information Technology	X	KS	KE	U	W	T				4

Course Code	Credits	Cycle		From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
		Year								sp1	sp2	sp3	sp4
EDAN15	7.5	A	2	1	X	E	Design of Embedded Systems	KS KE U W T					4
EMS072	7.5	G2	2	1	X	E1	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	Links
EITM02	30	Degree Project in Electrical and Information Technology	KS KE U W