

Master Communications Technology — Study Plan

Status 30.01.2015 Modules	Track Communications Engineering					Track Communications Circuits and Systems				
	semester of program					semester of program				
	1. (SoSe)	2. (WiSe)	3. (SoSe)	4. (WiSe)		1. (SoSe)	2. (WiSe)	3. (SoSe)	4. (WiSe)	
Compulsory Modules	ECTS Credits				17	ECTS Credits				17
Digital Communications	7					7				
Introduction to Microwave Engineering	5					5				
Introduction to Microwave Communication Systems		5					5			
Devices & Circuits	choose 1 out of 3				6	all are required				18
Integrated Analog Circuits	6					6				
Monolithic Microwave ICs in High-Speed Systems			6					6		
Optical Communications	6					6				
Communications	all required				16					0
Applied Information Theory			8							
Channel Coding		8								
Technology					0	all required				4
Modern Semiconductor Devices							4			
					Σ 39					Σ 39
Compulsory Modules in German					8					8
German 1 (Deutsch für CT 1)	4					4				
German 2 (Deutsch für CT 2)		4					4			
In-depth Modules					≥18					≥18
(choose from list)		≥18					≥18			
Practical Modules (Labs)					≥10					≥10
(choose from list)		≥5					≥10			
Compulsory Lab — Track CE										
Digital Communications Lab	5									
Supplementary Modules					≥3					≥3
(choose from all offered)		1 or 2 Modules					1 or 2 Modules			
Seminar					3					3
(choose from list)		3					3			
Master's thesis					30					30
				30					30	
Total	30	30	30	30	120	30	30	30	30	120