Course of Study Microelectronics and Microsystems (Study Cohort w23)

Sample course plan L Master Microelectronics and Microsystems (IMPMM) Dual study program
Specialisation Communication and Signal Processing

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1	**Practical module 1 (dual study program, Master's degree)**			**Practical module 2 (dual study program, Master's degree)**			**Project Work IMPMM**		**Master thesis (dual study program)**	
2	Practical term 1		0	Practical term 2		0				
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9										
10										
11	**Digital Communications**			**Microsystem Design**						
12	Digital Communications	VL	2	Microsystem Design	VL	2				
13	Digital Communications	HÜ	2	Microsystem Design	PR	3				
	Laboratory Digital Communications	PR	1							
14										
15										
16							**Seminar for IMPMM**			
17	**Microsystems Technology in Theory and Practice**			**Semiconductor Technology**			Seminar for IMPMM	SE	2	
18	Microsystems Technology	VL	2	Semiconductor Technology	VL	4				
19	Microsystems Technology	PBL	2	Semiconductor Technology	PR	2	**Practical module 3 (dual study program, Master's degree)**			
20							Practical term 3		0	
21										
22										
23	**Integrated Circuit Design**			**Advanced IC Design**						
24	Integrated Circuit Design	VL	3	Advanced IC Design	VL	2				
25	Integrated Circuit Design	GÜ	1	Advanced IC Design	PBL	2				
26										
27										
28										
29	**Communication Networks**			**Advanced Concepts of Wireless Communications**			**Digital Signal Processing and Digital Filters**			
30	Communication Networks	VL	2	Advanced Concepts of Wireless Communications	VL	3	Digital Signal Processing and Digital Filters	VL	3	
31	Communication Networks Excercise	PBL	1	Advanced Concepts of Wireless Communications	HÜ	2	Digital Signal Processing and Digital Filters	HÜ	2	
	Selected Topics of Communication Networks	PBL	2							
32										
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34										

Business & Management (from catalogue) - 6LP
Linking theory and practice (dual study program, Master's degree) (from catalogue) - 6LP
Technical Elective Complementary Course for IMPMM - field TUHH (according to Subject Specific Regulations) - 6LP

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.