

Course of Study Microelectronics and Microsystems (Study Cohort w22)

Sample course plan L Master Microelectronics and Microsystems (IMPMM) Dual study program

Core Qualification Compulsory Specialisation Compulsory Focus Compulsory Thesis Compulsory
 Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Interdisciplinary complement

Specialisation Communication and Signal Processing							
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			
3							
4							
5							
6							
7							
8							
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	
14	Laboratory Digital Communications	PR	1				
15							
16							
17	Microsystems Technology in Theory and Practice			Semiconductor Technology		Seminar for IMPMM	
18	Microsystems Technology	VL	2	Semiconductor Technology	VL	4	SE 2
19	Microsystems Technology	PBL	2	Semiconductor Technology	PR	2	
20						Practical module 3 (dual study program, Master's degree)	
21						Practical term 3	
22							0
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	VL 3
31	Communication Networks Exercise	PBL	1	Advanced Concepts of Wireless Communications	HÜ	2	HÜ 2
32	Selected Topics of Communication Networks	PBL	2				
33							
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.

