Course of Study Microelectronics and Microsystems (Study Cohort w22)

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

Specialisation Embedded Systems

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

#								
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		
3								
4								
5								
6								
7								
8								
9								
10								
11	**Microsystem Engineering**			**Microsystem Design**				
12	Microsystem Engineering	VL	2	Microsystem Design	VL	2		
13	Microsystem Engineering	PBL	2	Microsystem Design	PR	3		
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				**Software for Embedded Systems**				
30				Software for Embdedded Systems	VL	2		
31				Software for Embdedded Systems	GÜ	3		
32								
33								
34								
35				**Design of Dependable Systems**				
36				Designing Dependable Systems	VL	2		
37				Designing Dependable Systems	GÜ	2		
38								
39								
40								

Business & Management (from catalogue) - 6LP

Technical Elective Complementary Course for IMPMM - field ET (according to Subject Specific Regulations) - 6LP

Linking theory and practice (dual study program, Master's degree) (from catalogue) - 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.