

# Course of Study Microelectronics and Microsystems (Study Cohort w21)

Sample course plan L Master Microelectronics and Microsystems (IMPMM)

		Semester 2		Semester 3		Semester 4	
	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form
1	<b>Digital Communications</b>		<b>Microsystem Design</b>		<b>Project Work IMPMM</b>		<b>Master Thesis</b>
2	Digital Communications	VL 2	Microsystem Design	VL 2			
3	Digital Communications	HÜ 2	Microsystem Design	PR 3			
4	Laboratory Digital Communications	PR 1					
5							
6							
7	<b>Microsystems Technology in Theory and Practice</b>		<b>Semiconductor Technology</b>				
8	Microsystems Technology	VL 2	Semiconductor Technology	VL 4			
9	Microsystems Technology	PBL 2	Semiconductor Technology	PR 2			
10							
11							
12							
13	<b>Integrated Circuit Design</b>		<b>Advanced IC Design</b>				
14	Integrated Circuit Design	VL 3	Advanced IC Design	VL 2			
15	Integrated Circuit Design	GÜ 1	Advanced IC Design	PBL 2			
16							
17							
18					<b>Seminar for IMPMM</b>		
19	<b>Communication Networks</b>		<b>Advanced Concepts of Wireless Communications</b>		<b>Digital Signal Processing and Digital Filters</b>		
20	Communication Networks	VL 2	Advanced Concepts of Wireless Communications	VL 3	Digital Signal Processing and Digital Filters	VL 3	
21	Communication Networks Exercise	PBL 1	Advanced Concepts of Wireless Communications	HÜ 2	Digital Signal Processing and Digital Filters	HÜ 2	
22	Selected Topics of Communication Networks	PBL 2					
23							
24							
25							
26							
27							
28							
29							
30							
Business & Management (from catalogue) - 6LP							
Non-technical Courses for Master (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.

