

# Course of Study Microelectronics and Microsystems (Study Cohort w22)

Sample course plan L Master Microelectronics and Microsystems (IMPMM)

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	<b>Digital Communications</b>		<b>Microsystem Design</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>
20	Communication Networks VL 2		Advanced Concepts of Wireless Communications VL 3
21	Communication Networks Exercise PBL 1		Advanced Concepts of Wireless Communications 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.

