

Course of Study Microelectronics and Microsystems (Study Cohort w18)

Sample course plan X Master Microelectronics and Microsystems (IMPMM)

Specialisation Communication and Signal Processing				Semester 2				Semester 3				Semester 4			
		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk
1	Microsystem Engineering			Seminar Communications Engineering			Project Work IMPMM			Master Thesis					
2	Microsystem Engineering	VL	2	Seminar Communications Engineering	SE	2									
3	Microsystem Engineering	PBL	2												
4				Microsystem Design											
5				Microsystem Design	VL	2									
6				Microsystem Design	PR	3									
7	Microsystems Technology in Theory and Practice														
8	Microsystems Technology	VL	2												
9	Microsystems Technology	PBL	2	Fundamentals of IC Design											
10				Fundamentals of IC Design	VL	2									
11				Fundamentals of IC Design	PR	2									
12															
13	CMOS Nanoelectronics with Practice														
14	CMOS Nanoelectronics	VL	2												
15	CMOS Nanoelectronics	GÜ	1	Laboratory: Analog and Digital Circuit Design (part 1)											
16	CMOS Nanoelectronics	PR	2	Laboratory: Digital Circuit Design	PR	2									
17															
18				Advanced Concepts of Wireless Communications											
19	Electronic Devices and Circuits			Advanced Concepts of Wireless Communications	VL	3									
20	Circuit Design	VL	2	Advanced Concepts of Wireless Communications	HÜ	1									
21	Electronic Devices	VL	2												
22															
23															
24															
25	Communication Networks														
26	Analysis and Structure of Communication Networks	VL	2												
27	Communication Networks Exercise	PBL	1												
28	Selected Topics of Communication Networks	PBL	2												
29															
30															
Business & Management (from catalogue) - 6LP															
Nontechnical Elective Complementary Courses for Master (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.

