

Course of Study Microelectronics and Microsystems (Study Cohort w18)

Sample course plan C Master Microelectronics and Microsystems (IMPMM)

Specialisation Microelectronics Complements				Semester 2				Semester 3				Semester 4			
		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk
1	Microsystem Engineering			Microsystem Design			Project Work IMPMM			Master Thesis					
2	Microsystem Engineering	VL	2	Microsystem Design	VL	2									
3	Microsystem Engineering	PBL	2	Microsystem Design	PR	3									
4															
5															
6															
7	Microsystems Technology in Theory and Practice			Fundamentals of IC Design											
8	Microsystems Technology	VL	2	Fundamentals of IC Design	VL	2									
9	Microsystems Technology	PBL	2	Fundamentals of IC Design	PR	2									
10															
11															
12															
13	CMOS Nanoelectronics with Practice			Laboratory: Analog and Digital Circuit Design (part 1)											
14	CMOS Nanoelectronics	VL	2	Laboratory: Digital Circuit Design	PR	2									
15	CMOS Nanoelectronics	GÜ	1												
16	CMOS Nanoelectronics	PR	2												
17				Semiconductor Seminar											
18				Semiconductor Seminar	SE	2									
19	Electronic Devices and Circuits			Optoelectronics I - Wave Optics											
20	Circuit Design	VL	2	Optoelectronics I: Wave Optics	VL	2									
21	Electronic Devices	VL	2	Optoelectronics I: Wave Optics	GÜ	1									
22															
23				Fibre and Integrated Optics											
24				Fibre and Integrated Optics	VL	2									
25				Fibre and Integrated Optics	GÜ	1									
26															
27				Semiconductor Technology											
28				Semiconductor Technology	VL	4									
29				Semiconductor Technology	PR	2									
30															
31															
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.

