

Course of Study Microelectronics and Microsystems (Study Cohort w21)

Sample course plan N 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	Form	Hrs/wk	Form	Hrs/wk		
1	Microsystem Engineering			Microsystem Design			Project Work IMPMM				Master Thesis				
2	VL	2	VL	2	VL	2									
3	PBL	2	PR	3	PR	3									
4															
5															
6															
7	Microsystems Technology in Theory and Practice			Semiconductor Technology											
8	VL	2	VL	4	VL	4									
9	PBL	2	PR	2	PR	2									
10															
11															
12															
13	Integrated Circuit Design			Advanced IC Design											
14	VL	3	VL	2	VL	2									
15	GÜ	1	PBL	2	PBL	2									
16															
17															
18							Seminar for IMPMM								
19	Digital Circuit Design (part 1)			Digital Circuit Design (part 2)											
20	VL	2	VL	2	VL	2	Mixed-signal Circuit Design								
21							Mixed-signal Circuit Design				VL 2				
22							Mixed-signal Circuit Design				PBL 2				
23															
24															
25															
26							Laboratory: Analog Circuit Design								
27							Laboratory: Analog Circuit Design				PBL 2				
28															
29															
30															
Business & Management (from catalogue) - 6LP															
Non-technical Courses for Master (from catalogue) - 6LP															
Technical Elective Complementary Course for IMPMM - field ET (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.

