Course of Study Microelectronics and Microsystems (Study Cohort w14)

Sample course plan A Master Microelectronics and Microsystems (IMPMM)
Specialisation Communication and Signal Processing

Legend:

Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	**Microsystem Engineering**			**Microsystem Design**			**Project Work IMPMM**			**Master Thesis**		
2	Microsystem Engineering	VL	2	Microsystem Design	VL	2	Project Work IMPMM	PS	1			
3	Microsystem Engineering	UE	1	Microsystem Design	PR	3						
4	Microsystem Engineering	POL	1									
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	POL	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	UE	1									
16	CMOS Nanoelectronics	PR	2	**Semiconductor Seminar**								
17				Semiconductor Seminar	SE	2	**Laboratory: Analog and Digital Circuit Design (part 2)**					
18							Laboratory: Analog Circuit Design	PR	2			
19	**Electronic Devices and Circuits**											
20	Circuit Design	VL	2				**Digital Image Analysis**					
21	Electronic Devices	VL	2				Digital Image Analysis	VL	4			
22												
23												
24												
25	**Microwave Engineering**						**3D Computer Vision**					
26	Microwave Engineering	VL	2				3D Computer Vision	VL	2			
27	Microwave Engineering	HÜ	2				3D Computer Vision	UE	2			
28	Microwave Engineering	PR	1									
29												
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.