

Course of Study Microelectronics and Microsystems (Study Cohort w23)

Sample course plan O Master Microelectronics and Microsystems (IMPMM) Dual study program

Specialisation Microelectronics Complements													
1	Practical module 1 (dual study program, Master's degree) Practical term 10		Practical module 2 (dual study program, Master's degree) Practical term 20		Project Work IMPMM		Master thesis (dual study program)						
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11	Microsystem Engineering Microsystem EngineeringVL2 Microsystem EngineeringPBL2		Microsystem Design Microsystem DesignVL2 Microsystem DesignPR3										
12													
13													
14													
15													
16	Microsystems Technology in Theory and Practice Microsystems TechnologyVL2 Microsystems TechnologyPBL2		Semiconductor Technology Semiconductor TechnologyVL4 Semiconductor TechnologyPR2						Seminar for IMPMM Seminar for IMPMMSE2				
17													
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21					Practical module 3 (dual study program, Master's degree) Practical term 30								
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23													
24													
25													
26	Integrated Circuit Design Integrated Circuit DesignVL3 Integrated Circuit DesignGÜ1		Advanced IC Design Advanced IC DesignVL2 Advanced IC DesignPBL2										
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30													
31	Silicon Photonics Silicon PhotonicsVL2 Silicon PhotonicsPBL2		Optoelectronics I - Wave Optics Optoelectronics I: Wave OpticsVL2 Optoelectronics I: Wave OpticsGÜ1				Optoelectronics II - Quantum Optics Optoelectronics II: Quantum OpticsVL2 Optoelectronics II: Quantum OpticsGÜ1						
32													
33													
34													
35													
36			Fibre and Integrated Optics Fibre and Integrated OpticsVL2 Fibre and Integrated OpticsGÜ1										
Business & Management (from catalogue) - 6LP													
Technical Elective Complementary Course for IMPMM - field ET (according to Subject Specific Regulations) - 6LP													
Linking theory and practice (dual study program, Master's degree) (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.

