

Examination office

**Exams Winter Semester 2022/23****Master's Program Nanoelectronic Systems****3. Semester and Reexaminations**examination period from **06.02.2023 - 04.03.2023****preliminary plan**

examination subject (Module name)	Module	duration and kind	professor	date/time
<b>Compulsory Modules</b>				
Academic and Scientific Work (Paper reading group) M1200-50010	NES-12 ASW-14.1	presentation and oral group exam of 30 min	Prof. Mikolajick Dr. Schmult	on appointment
Academic and Scientific Work (Photonic Devices group) M1200-50010	NES-12 ASW-14.1	presentation and oral group exam of 30 min	Prof. Jamshidi Prof. Plettmeier	on appointment
Academic and Scientific Work (Nanoelectronic Systems Design Student Conference) M1200-50010	NES-12 ASW-14.1	presentation and oral group exam of 30 min	Prof. Fettweis/ Matus	on appointment
Project Work M1200-50060	NES-12 PW-14.1	written project report in scope of 100 hours and presentation	Prof. Mikolajick	no registration at SELMA required
<b>Optional Modules</b>				
Memory Technology M1212-1M140	NES-12 12 03-14.1	oral exam of 25 min or written exam 90 min	Prof. Mikolajick	on appointment
Modeling and Characterization of Nanoelectronic Devices M1208-1M100	NES-12 08 26	written exam of 90 min and assigned paper	Prof. Schröter Dr. Herricht	15.02. GÖR/229/U 2. DS
Introduction to Optical Non-classical Computing: Concepts and Devices M1210-50340	NES-12 10 08	oral exam presentation	Prof. Jamshidi	on appointment on appointment
Computer Arithmetic M1200-50120	NES-11 02 03-14.1	oral exam of 45 min	Prof. Spallek	not offered
Electromechanical Networks M1212-50130	NES-12 12 04-14.1	written exam of 120 min	Prof. Marschner	27.02. GÖR/127/U 2./3. DS
Hardware/Software Codesign Lab M1210-50150	NES-12 10 04-14.1	project report of 30 hours	Prof. Fettweis	-
Integrated Circuits for Broadband Optical Communications M1208-1I230	NES-12 08 04-14.1	written exam of 120 min	Prof. Ellinger Dr. Schumann	03.03. HSZ/304/Z 3./4. DS

Molecular Electronics M1200-50210	NES-13 14 02-14.1	oral exam of 20 min (less or equal 10 students) or written exam of 90 min (more than 10 students)	Prof. Moresco	22.02.
Optoelectronics M1212-50230	NES-12 12 05-14.1	oral exams of 20 min or written exam 60 min	Prof. Lakner	on appointment
Nanooptics (Eng) + Optoelectronic Devices and Systems (Lakner)		oral exam of 20 min	Prof. Eng	
Real-Time Systems M1200-50250 153310	NES-11 06 05-14.1	oral exam of 30 min	Prof. Härtig Dr. Roitzsch	not offered
Theory of Nonlinear Networks M1208-50300	NES-12 08 05-14.1	written exam of 90 min	Prof. Tetzlaff	not offered
Ubiquitous Systems M1200-50310	NES-11 06 07-14.1	oral exam of 30 min (less or equal 10 students) or written exam of 120 min (more than 10 students)	Prof. Schill	on appointment
Innovative Semiconductor Devices M1212-50160	NES-12 12 07 -14.1	written exam 90 min or oral exam 15 min	Prof. Mikolajick Dr. Heinzig	24.02. (only 3rd semester) SCH/A251/H 1./2. DS
Semiconductor Industry Challenges: Market Dynamics - Technology Innovations - Yield and Reliability Engineering M1200-50260 Zschech (exam)	NES-12 12 06-14.1	oral or written exam (90 min or 45 min) assigned paper	Prof. Zschech	not offered
Kücher (paper)			Prof. Kücher	not offered
Materials for 3D System Integration M1206-50200 Micro-/Nanomaterials and Reliability Aspects	NES-12 06 01-14.1	written exam of 90 min	Prof. Panchenko	14.02. GÖR/127/U 2./3. DS
Lab Course		on appointment	Prof. Panchenko	
Quantum Mechanics for Nanoelectronics M1200-50240	NES-02 04 01	oral exam 30 min	Prof. Helm	on appointment
Communication Networks 3 M1210-11280	NES-12 10 20	oral or written exam (120 min or 30 min) project work	Prof. Fitzek	on appointment  on appointment
Hardware Modeling and Simulation M1200-50380	NES-11 20 20	written or oral exam (60 min or 20 Min.	Prof. Göhringer	13.02. ZEU/250/Z 2. DS
Future Computing Strategies in Nanoelectronic Systems M1208-50370	NES-12 08 01	oral exam of 20 min or written exam 90 min	Dr. Ascoli	on appointment
Integrated Photonic Devices for Communications and Signal Processing M1210-50170	NES-12 10 06-14.1	oral exam of 30 min Project work	Prof. Jamshidi	on appointment
<b>Reexaminations</b>				
<b>Compulsory Modules</b>				
Hardware/Software Codesign M1210-50030	NES-12 10 03-14.1	oral exam of 20 min or written exam 120 min	Prof. Fettweis Dr. Rave, Dr. Matus	08.02. on appointment

Radio Frequency Integrated Circuits <a href="#">M1208-11100</a> <b>Optional Modules</b>	NES-12 08 02	written exam of 120 min	Prof. Ellinger Dr. Schumann	SS 2023
Communications <a href="#">M1210-50100</a>	NES-12 10 02-14.1	written exam of 120 min	Prof. Fettweis  Dr. Rave	10.02. GÖR/226/H 2./3. DS
VLSI Processor Design <a href="#">M1208-50320</a>  project work presentation	NES-12 08 07	project work	Prof. Mayr  Dr. Höppner	on appointment

signed Prof. Th. Mikolajick  
Chairman of the Examination Board