

**Faculty of Electrical and
Computer Engineering**
Examination Office

05.06.2025

Examination Plan for

SoSe 25

Master's Program

**Nanoelectronic Systems
2. Semester**

only modules for re-
examination

Examination Periode from

21.07. bis 16.08.2025

(subject to further changes)

Examination subject	Date	Professor	Place*	Time Duration
Compulsory modules				
Lab Sessions (NES-11 06 01-19.1) M1200-50040 Selection 1 out of 3: - Praktikumsprotokoll 2 (protocols)	on appoint.	Prof. Mikolajick Dr. Matus Prof. Leo	-	-
Semiconductor Technology (NES-12 12 02-19.1) M1212-50080	14.08.2025	Prof. Mannsfeld Dr. Hambsch	0	120 min
Radio Frequency Integrated Circuits (NES-12 08 02-14.1) M1208-11100	04.08.2025	Prof. Ellinger Dr. Schumann	0	120 min
Hardware/Software Codesign (NES-12 10 03-14.3) M1210-50030	06.08.2025	Prof. Fettweis Dr. Matus	0	120 min
Optional modules				
German Language and Culture (NES-30 GLC-14.1) M1200-50140	on appoint.	-	-	90 min
Communications (NES-12 10 02-14.1) M1210-50100	11.08.2025	Prof. Fettweis	0	120 min

VLSI Processor Design (NES-12 08 07) M1208-50320 - <i>Projektarbeit (project work)</i> - <i>Referat (presentation)</i>	on appoint. on appoint.	Prof. Mayr Prof. Mayr	- -	- -
Nanotechnology and Material Science (NES-13 14 01-14.1) M1200-50220 - <i>Klausurarbeit/Mündliche Prüfungsleistung 1 (written or oral exam)</i> - <i>Mündliche Prüfungsleistung 2 (oral exam)</i> - <i>Praktikumsbericht (protocols)</i>	on appoint. on appoint. on appoint.	Prof. Cuniberti Prof. Eng Prof. Cuniberti	- - -	- 90 min - 20 min -
Neuromorphic VLSI Systems (NES-12 08 06) M1208-11360 - <i>Beleg (assigned paper)</i> - <i>Referat (presentation)</i>	on appoint. on appoint.	Prof. Mayr Prof. Mayr	- -	- - 20 min
Foundations of Software-Fault Tolerance (NES-INF-DSE-20-E-SFT) M1200-50270	on appoint.	Prof. Fetzer	-	- 30 min
Wireless Sensor Networks (NES-11 06 04-14.1) M1200-50330	on appoint.	Dr. Dargie	-	- 60 min
Materials for the 3D System Integration (NES-12 06 01-14.1) M1206-50200 - <i>Klausurarbeit 3D System Integration and 3D Technologies (written exam)</i>	13.08.2025	Prof. Panchenko	0	90 min

Introduction to Optical Nonclassical Computing: Concepts and Devices (NES-12 10 08) M1210-50340 - <i>Mündliche Prüfungsleistung (oral exam)</i> - <i>Präsentation (presentation)</i>	on appoint. on appoint.	Prof. Jamshidi Prof. Jamshidi	- -	- -
Design and Programming of Embedded Multicore Architectures (NES-11 20 19) M1200-50350	31.07.2025	Prof. Göhringer	0	60 min
Antennas and Radar Systems (NES-12 10 05-20.1) M1210-50360	on appoint.	Prof. Plettemeier	-	- 45 min
Requirements and Methodologies for Design of Integrated Circuits from Industrial Production Perspective (NES-E-LSer-23) M1212-50440	28.07.2025	Prof. Schulz	0	90 min
Deep Neural Network Hardware (NES-E-DNNH-23) M1208-50450	15.08.2025	Prof. Mayr	0	90 min
Physical Design (NES-E-PD-23) M1210-50420 - <i>Präsentation Physical Design (presentation)</i> - <i>Schriftlicher Bericht Physical Design (assigned paper)</i>	on appoint. on appoint.	Prof. Fettweis Prof. Fettweis	- -	- -
Resource Management (NES-E-ResM-23) M1200-50430	on appoint.	Prof. Sassen	-	-

Adaptive Laser Systems (NES-E-AdLsy) M1208-50520 - <i>Mündliche Prüfungsleistung</i> (oral exam) - <i>Praktikum (lab)</i>	on appoint. on appoint.	Prof. Czarske Prof. Czarske	- -	- 20 min
Adaptive Computing Systems for Robotics (NES-E-ACSR) M1200-50500	30.07.2025	Prof. Göhringer	0	60 min

Re-examination

Principles of Dependable Systems (NES-11 06 02-14.1) M1200-50050 <i>Klausurarbeit/Mündliche Prüfungsleistung (written or oral exam)</i> <i>Übungsaufgaben (exercises)</i>	25.07.2025 on appoint.	Prof. Fetzer Dr. Martin Prof. Fetzer	 -	90 min -
Stochastic Signals and Systems (NES-12 09 01-14.1) M1210-50280	23.07.2025	Prof. Schaefer	0	90 min
Foundations of Systems Engineering (NES-INF-DSE-20-M- SE1) M1200-50290 <i>Klausurarbeit (exam)</i> <i>Übungsaufgaben (exercises)</i>	21.07.2025 on appoint.	Prof. Fetzer Prof. Fetzer	 -	60 min -
Memory Technology (NES-12 12 03-14.1) M1212-1M140	on appoint.	Prof. Mikolajick		90 min

*** Floor plan: see notice board!**

signed Prof. Dr.-Ing. T. Mikolajick
Chairman of the Examination Board