

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

19.12.2024

Examination plan for

WiSe 24/25

Master's program

**Nanoelectronic Systems
3. Semester**

new study guide

Examination periode from

10.02. bis 08.03.2025

(subject to further changes)

Examination subject	Date	Professor	Place*	Time Duration
Compulsory modules				
Academic and Scientific Work (Eul-NES-C-ASW) M1200-50010 Selection 1 out of 3: - Paper Reading Group <i>Komplexe Leistung (complex achievement)</i> - Photonic Devices Group <i>Komplexe Leistung (complex achievement)</i> - Nanoelectronic Systems Design Student Conference <i>Komplexe Leistung (complex achievement)</i>	 on appoint. on appoint. on appoint.	 Prof. Mikolajick Prof. Jamshidi Prof. Fettweis	 - - -	 - -
Project Work (Eul-NES-C-PW) M1200-50060 No registration at SELMA required	on appoint.	Prof. Mikolajick	-	-
Optional modules				

Materials for the 3D System Integration (Eul-NES-E-3DSI) M1206-50200 <i>- Komplexe Leistung Mikro-/Nanowerkstoffsysteme und Zuverlässigkeitsaspekte (complex achievement)</i>	19.02.2025	Prof. Panchenko	GÖR/127/U	07:30 Uhr 90 min
Memory Technology (Eul-NES-E-MemTe) M1212-1M140	21.02.2025	Prof. Mikolajick	GÖR/229/U	09:20 Uhr 90 min
Nano&Optics (PHY-NES-E-NanOP) M1200-NW017	on appoint.	Prof. Eng	-	- 20 min
Communication Networks 3 (NES-12 10 20) M1210-1I280 <i>Klausurarbeit/Mündliche Prüfungsleistung (oral or written exam)</i>	03.03.2025	Jun.-Prof. Bassoli	BAR/0E85/U	09:20 Uhr 120 min
<i>Projektarbeit (project work)</i>	on appoint.	Jun.-Prof. Bassoli	-	-
Computational Laser Systems (Eul-NES-E-ComLS) M1208-EA017	on appoint.	Prof. Czarske	-	- 30 min
Electromechanical Networks (Eul-NES-E-EMNet) M1212-50130	10.02.2025	Prof. Marschner	ZEU/148/U	09:20 Uhr 120 min
Foundations of Certified Programming Language and Compiler Design (Eul-NES-E-FCPL) M1200-50460	on appoint.	Dr. Ertel	-	- 30 min
Fundamentals of Estimation and Detection (Eul-NES-E-FED) M1210-50020	24.02.2025	Dr. Rave	HÜL/S186/H	14:50 Uhr 120 min

Hardware Modelling and Simulation (INF-NES-E-HMS) M1200-50380	17.02.2025	Prof. Göhringer	HSZ/304/Z	11:10 Uhr 60 min
Innovative Concepts for Active Nanoelectronic Devices (Eul-NES-E-ICAND) M1212-EM011	28.02.2025	Prof. Mikolajick	ZEU/255/Z	11:10 Uhr 120 min
Integrated Circuits for Broadband Optical Communications (Eul-NES-E-ICBC) M1208-1I230	07.03.2025	Prof. Ellinger	M13/DÜLF/U	07:30 Uhr 120 min
Integrated Photonic Devices for Communications and Signal Processing (Eul-NES-E-IPD) M1210-50170	on appoint.	Prof. Jamshidi	-	-
Joint Communication and Sensing RF Hardware (Eul-NES-E-HJCAS) M1210-NW022	06.03.2025	Prof. Fettweis	M13/DÜLF/U	07:30 Uhr 90 min
Molecular Electronics (MW-NES-E-MoEI) M1200-50210	26.02.2025	Prof. Cuniberti	ZEU/148/U	09:20 Uhr 90 min
Optoelectronic Devices and Systems (Eul-NES-E-OPTO) M1200-NW010	on appoint.	Prof. Lakner	-	- 20 min
Quantum Mechanics for Nanoelectronics (PHY-NES-E-QMNE) M1200-50240	on appoint.	Prof. Helm	-	- 30 min
Ubiquitous Systems (NES-11 06 07-14.1) M1200-50310	27.02.2025	Dr. Springer		120 min

Re-examination

Semiconductor Technology (Eul-NES-C-SCT) M1212-50080	05.03.2025	Prof. Mannsfeld Dr. Hamsch	HSZ/304/Z	09:20 Uhr 120 min
Hardware/Software Codesign (Eul-NES-C-HwSwC) M1210-50030	25.02.2025	Prof. Fettweis Dr. Matus	BAR/SCHÖ/E	11:10 Uhr 120 min
Radio Frequency Integrated Circuits (Eul-NES-C-RFIC) M1208-11100	12.02.2025	Prof. Ellinger Dr. Schumann	GÖR/127/U	09:20 Uhr 120 min
Communications (Eul-NES-E-Comms) M1210-50100	14.02.2025	Prof. Fettweis	GÖR/127/U	13:00 Uhr 120 min
Neuromorphic VLSI Systems (NES-12 08 06) M1208-11360 <i>Beleg (assigned paper)</i>	on appoint.	Prof. Mayr	-	-
VLSI Processor Design (NES-12 08 07) M1208-50320	on appoint.	Prof. Mayr	-	-

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

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