

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

16.12.2024

Examination plan for

WiSe 24/25

Master's program

**Nanoelectronic Systems
3. Semester**

only modules for re-
examination!

Examination periode from

10.02. bis 08.03.2025

(subject to further changes)

Examination subject	Date	Professor	Place*	Time Duration
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Compulsory modules

Academic and Scientific Work (NES-12 ASW-14.1) M1200-50010 Selection 1 out of 3: - Paper Reading Group <i>Mündliche Prüfungsleistung (oral exam)</i>	on appoint.	Prof. Mikolajick	-	-
<i>Präsentation (presentation)</i>	on appoint.		-	-
- Photonic Devices Group <i>Beleg (assigned paper)</i>	on appoint.	Prof. Jamshidi	-	-
<i>Präsentation (presentation)</i>	on appoint.		-	-
- Nanoelectronic Systems Design Student Conference <i>Beleg (assigned paper)</i>	on appoint.	Prof. Fettweis	-	-
<i>Präsentation (presentation)</i>	on appoint.		-	-
Project Work (NES-12 PW-14.1) M1200-50060 No registration at SELMA required	on appoint.	Prof. Mikolajick	-	-

Optional modules

Innovative Concepts for Active Nanoelectronic Devices (NES-ET-22-E-ICAND) M1212-50063 <i>Klausurarbeit/Mündliche Prüfungsleistung Innovative Semiconductor Devices (oral or written exam)</i> <i>Klausurarbeit/Mündliche Prüfungsleistung Materials for Nanoelectronics (oral or written exam)</i> <i>Protokollsammlung (protocols)</i>	28.02.2025	Prof. Mikolajick	ZEU/255/Z	11:10 Uhr 90 min
	20.02.2025	Prof. Richter	ZEU/250/Z	11:10 Uhr 90 min
	on appoint.	Prof. Richter	-	-
Communication Networks 3 (NES-12 10 20) M1210-11280 <i>Klausurarbeit/Mündliche Prüfungsleistung (oral or written exam)</i> <i>Projektarbeit (project work)</i>	03.03.2025	Jun.-Prof. Bassoli	BAR/0E85/U	09:20 Uhr 120 min
	on appoint.	Jun.-Prof. Bassoli	-	-
Integrated Photonic Devices for Communications and Signal Processing (NES-12 10 06-14.1) M1210-50170 <i>Beleg (assigned paper)</i> <i>Mündliche Prüfungsleistung (oral exam)</i>	on appoint.	Prof. Jamshidi	-	-
	on appoint.	Prof. Jamshidi	-	30 min
Memory Technology (NES-12 12 03-14.1) M1212-1M140	21.02.2025	Prof. Mikolajick	GÖR/229/U	09:20 Uhr 90 min

<p>Materials for the 3D System Integration (NES-12 06 01-14.1) M1206-50200 <i>Klausurarbeit Mikro-/Nanowerkstoffsysteme und Zuverlässigkeitsaspekte (written exam)</i></p> <p><i>Laborpraktikum Mikro-/Nanowerkstoffsysteme und Zuverlässigkeitsaspekte (lab course)</i></p>	<p>19.02.2025</p> <p>on appoint.</p>	<p>Prof. Panchenko</p> <p>Prof. Panchenko</p>	<p>GÖR/127/U</p> <p>-</p>	<p>07:30 Uhr 90 min</p> <p>-</p>
<p>Electromechanical Networks (NES-12 12 04-14.1) M1212-50130</p>	10.02.2025	Prof. Marschner	ZEU/148/U	09:20 Uhr 120 min
<p>Integrated Circuits for Broadband Optical Communications (NES-12 08 04-14.1) M1208-11230</p>	07.03.2025	Prof. Ellinger	M13/DÜLF/U	07:30 Uhr 120 min
<p>Molecular Electronics (NES-13 14 02-14.1) M1200-50210</p>	26.02.2025	Prof. Cuniberti	ZEU/148/U	09:20 Uhr 90 min
<p>Optoelectronics (NES-12 12 05-14.1) M1212-50230 <i>Klausurarbeit/Mündliche Prüfungsleistung Optoelectronic Devices and Systems (oral or written exam)</i></p> <p><i>Mündliche Prüfungsleistung Nanooptics (oral exam)</i></p>	<p>18.02.2025</p> <p>on appoint.</p>	<p>Prof. Lakner</p> <p>Prof. Eng</p>	<p>-</p> <p>-</p>	<p>- 20 min</p> <p>- 20 min</p>
<p>Ubiquitous Systems (NES-11 06 07-14.1) M1200-50310</p>	27.02.2025	Dr. Springer	0	120 min
<p>Quantum Mechanics for Nanoelectronics (NES-02 04 01) M1200-50240</p>	on appoint.	Prof. Helm	-	- 30 min

Hardware Modelling and Simulation (NES-11 20 20) M1200-50380	17.02.2025	Prof. Göhringer	HSZ/304/Z	11:10 Uhr 60 min
Future Computing Strategies in Nanoelectronic Systems (NES-12 008 01-20.1) M1208-50370	on appoint.	Prof. Tetzlaff	-	- 90 min
Plasma Technology (NES-ET-E-PlaTe) M1211-50480	13.02.2025	Prof. von Hauff	HÜL/S186/H	09:20 Uhr 90 min
Foundations of Certified Programming Language and Compiler Design (NES-INF-E-FCPL) M1200-50460	on appoint.	Dr. Ertel	-	- 30 min
Computational Laser Systems (NES-ET-E-ComLS-23) M1208-50490	on appoint.	Prof. Czarske	-	- 30 min

Re-examination

Radio Frequency Integrated Circuits (NES-12 08 02-14.1) M1208-11100	12.02.2025	Prof. Ellinger Dr. Schumann	GÖR/127/U	09:20 Uhr 120 min
Hardware/Software Codesign (NES-12 10 03-14.3) M1210-50030	25.02.2025	Prof. Fettweis Dr. Matus	BAR/SCHÖ/E	11:10 Uhr 120 min
Semiconductor Technology (NES-12 12 02-19.1) M1212-50080	05.03.2025	Prof. Mannsfeld Dr. Hambsch	HSZ/304/Z	09:20 Uhr 120 min
Communications (NES-12 10 02-14.1) M1210-50100	14.02.2025	Prof. Fettweis	GÖR/127/U	13:00 Uhr 120 min

Materials for the 3D System Integration (NES-12 06 01-14.1) M1206-50200 <i>Klausurarbeit 3D-Systemintegration and 3D Technologies (written exam)</i>	on appoint.	Prof. Panchenko	-	-
VLSI Processor Design (NES-12 08 7) M1208-50320 <i>Projektarbeit (project work)</i>	on appoint.	Prof. Mayr	-	-
<i>Referat (presentation)</i>	on appoint.	Prof. Mayr	-	-

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

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