

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

17.01.2025

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
---------------------	------	-----------	--------	------------------

**Compulsory modules**

Academic and Scientific Work (NES-12 ASW-14.1) M1200-50010 Selection 1 out of 3: - <b>Paper Reading Group</b> <i>Mündliche Prüfungsleistung (oral exam)</i>  <i>Präsentation (presentation)</i>  - <b>Photonic Devices Group</b> <i>Beleg (assigned paper)</i>  <i>Präsentation (presentation)</i>  - <b>Nanoelectronic Systems Design Student Conference</b> <i>Beleg (assigned paper)</i>  <i>Präsentation (presentation)</i>	 on appoint.  on appoint.  on appoint.  on appoint.  on appoint.	 Prof. Mikolajick   Prof. Jamshidi   Prof. Fettweis	 -  -  -  -  -	 -  -  -  -
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) <a href="#">M1212-50063</a> <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) <a href="#">M1210-11280</a> <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) <a href="#">M1210-50170</a> <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) <a href="#">M1212-1M140</a>	21.02.2025	Prof. Mikolajick	GÖR/229/U	09:20 Uhr 90 min

Materials for the 3D System Integration (NES-12 06 01-14.1) <a href="#">M1206-50200</a> <i>Klausurarbeit Mikro-/Nanowerkstoffsysteme und Zuverlässigkeitsaspekte (written exam)</i>  <i>Laborpraktikum Mikro-/Nanowerkstoffsysteme und Zuverlässigkeitsaspekte (lab course)</i>	19.02.2025	Prof. Panchenko	GÖR/127/U	07:30 Uhr 90 min
	on appoint.	Prof. Panchenko	-	-
Electromechanical Networks (NES-12 12 04-14.1) <a href="#">M1212-50130</a>	10.02.2025	Prof. Marschner	ZEU/148/U	09:20 Uhr 120 min
Integrated Circuits for Broadband Optical Communications (NES-12 08 04-14.1) <a href="#">M1208-11230</a>	07.03.2025	Prof. Ellinger	M13/DÜLF/U	07:30 Uhr 120 min
Molecular Electronics (NES-13 14 02-14.1) <a href="#">M1200-50210</a>	on appoint.	Prof. Erbe	-	- 20 min
Optoelectronics (NES-12 12 05-14.1) <a href="#">M1212-50230</a> <i>Klausurarbeit/Mündliche Prüfungsleistung Optoelectronic Devices and Systems (oral or written exam)</i>  <i>Mündliche Prüfungsleistung Nanooptics (oral exam)</i>	18.02.2025	Prof. Lakner	-	- 20 min
	on appoint.	Prof. Eng	-	- 20 min
Ubiquitous Systems (NES-11 06 07-14.1) <a href="#">M1200-50310</a>	27.02.2025	Dr. Springer	M13/DÜLF/U	08:00 Uhr 120 min
Quantum Mechanics for Nanoelectronics (NES-02 04 01) <a href="#">M1200-50240</a>	on appoint.	Prof. Helm	-	- 30 min

Hardware Modelling and Simulation (NES-11 20 20) <a href="#">M1200-50380</a>	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) <a href="#">M1208-50370</a>	on appoint.	Prof. Tetzlaff	-	- 90 min
Plasma Technology (NES-ET-E-PlaTe) <a href="#">M1211-50480</a>	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) <a href="#">M1200-50460</a>	on appoint.	Dr. Ertel	-	- 30 min
Computational Laser Systems (NES-ET-E-ComLS-23) <a href="#">M1208-50490</a>	on appoint.	Prof. Czarske	-	- 30 min

#### Re-examination

Radio Frequency Integrated Circuits (NES-12 08 02-14.1) <a href="#">M1208-11100</a>	12.02.2025	Prof. Ellinger Dr. Schumann	GÖR/127/U	09:20 Uhr 120 min
Hardware/Software Codesign (NES-12 10 03-14.3) <a href="#">M1210-50030</a>	25.02.2025	Prof. Fettweis Dr. Matus	BAR/SCHÖ/E	11:10 Uhr 120 min
Semiconductor Technology (NES-12 12 02-19.1) <a href="#">M1212-50080</a>	05.03.2025	Prof. Mannsfeld Dr. Hamsch	HSZ/304/Z	09:20 Uhr 120 min
Communications (NES-12 10 02-14.1) <a href="#">M1210-50100</a>	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) <a href="#">M1206-50200</a> <i>Klausurarbeit 3D-Systemintegration and 3D Technologies (written exam)</i>	on appoint.	Prof. Panchenko	-	-
VLSI Processor Design (NES-12 08 7) <a href="#">M1208-50320</a> <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