Timetable 1st semester (winter term 2024/25)

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
1 DS **7:30 a.m. -** **9:00 a.m.**				**E: Confidential Computing** (for students enrolled as of winter semester 24/25) / **parallel: Principles of Dependable Systems** (for students enrolled before winter semester 24/25) Fetzer *INF-NES-C-CONF Confidential Computing / NES-11 06 02-14.1 Principles of Dependable Systems* *APB/E023/U*	
2 DS **9:20 a.m. -** **10:50 a.m.**	**L: Quantum and Solid State Physics** Tverdokhleb *PHY-NES-E-QMNE Quantum Mechanics for Nanoelectronics* *VMB/0302/U*	**L: Neural Networks and Memristive Hardware Accelerators** Schroedter *EuI-NES-E-NNMHA Neural Networks and Memristive Hardware Accelerators* *TOE/0317/H* **P: Integrated Photonic Devices** Jamshidi *EuI-NES-E-IPD Integrated Photonic Devices for Communications and Signal Processing* *BAR/0I89/U* **E: Foundations of Certified Programming Language and Compiler Design** Ertel *EuI-NES-E-FCPL* *APB/E001/U* **L: Mobile Communication and Mobile Computing** Waltenegus/ Wählisch *NES-11 06 07-14.1 Ubiquitous Systems* *APB/E023/U*	**L: Confidential Computing** (for students enrolled as of winter semester 24/25) / **parallel: Principles of Dependable Systems** (for students enrolled before winter semester 24/25) Fetzer *INF-NES-C-CONF Confidential Computing / NES-11 06 02-14.1 Principles of Dependable Systems* *GER/0038/H*	**L: Semiconductor Technology 1** Mannsfeld *NES-12 12 02-19.1 / EuI-NES-C-SCT Semiconductor Technology* *SCH/A118/H*	**P: Python for Engineers** Knoll EuI-NES-E-NNMHA Neural Networks and Memristive Hardware Accelerators *TOE/0317/H*
3 DS **11:10 a.m. -** **12:40 p.m.**	**L: Systems Engineering 1** Fetzer *INF-NES-E-SE1 Foundations of Systems Engineering* *APB/E023/U*	**L: Stochastic Signals and Systems** Kortke *EuI-NES-E-StSig Stochastic Signals and Systems* *GÖR/0229/U*		**L: Quantum and Solid State Physics** Tverdokhleb PHY-NES-E-QMNE *Quantum Mechanics for Nanoelectronics* *ZEU/0146/Z* **1st week!** **E: Quantum and Solid State Physics** Tverdokhleb *PHY-NES-E-QMNE Quantum Mechanics for Nanoelectronics* *ZEU/0146/Z* **2nd week!**	**E: Systems Engineering 1** Fetzer *INF-NES-E-SE1 Foundations of Systems Engineering* *APB/E023/U*
4 DS **01:00 p.m. -** **02:30 p.m.**		**L: Semiconductor Technology 1** Mannsfeld *NES-12 12 02-19.1 / EuI-NES-C-SCT Semiconductor Technology* *TOE/0317/H*	**E: Stochastic Signals and Systems** Kortke *EuI-NES-E-StSig Stochastic Signals and Systems* *GÖR/0229/U*	**L: Plasma Technology** Hauff *EuI-NES-E-PlaTe* *Plasma Technology* *VMB/0302/U* **L: Foundations of Certified Programming Language and Compiler Design** Ertel *EuI-NES-E-FCPL* *APB/E006/U* **L: Distributed Systems** Springer *NES-11 06 07-14.1 Ubiquitous Systems* *APB/E023/U*	**P: RoboLab** Knobloch *NES-11 06 01-19.1 / INF-NES-C-LabS Lab Sessions* *HÜL/S186/H*
5 DS **02:50 p.m. -** **04:20 p.m.**		**E: Hardware Modelling and Simulation** Göhringer *NES-11 20 20 Hardware Modelling and Simulation* *APB/E006/U* **L: Semiconductor Quantum Structures** Winnerl/Helm/Dimakis *PHY-NES-E-QMNE Quantum Mechanics for Nanoelectronics* *REC/B214/H*	**E: Joint Communications and Sensing Systems for 6G Networks** Dokhanchi *EuI-NES-E-JCAS Joint Communications and Sensing Systems for 6G Networks* *N63/A001/U* **L: Integrated Photonic Devices** Jamshidi *EuI-NES-E-IPD Integrated Photonic Devices for Communications and Signal Processing* *BAR/0213/H*	**L: Plasma Technology** Hauff *EuI-NES-E-PlaTe* *Plasma Technology* *VMB/0302/U* **L: Integrated Photonic Devices** Jamshidi *EuI-NES-E-IPD Integrated Photonic Devices for Communications and Signal processing* *BAR/0I89/U* **E: Distributed Systems** Springer *NES-11 06 07-14.1 Ubiquitous Systems* *APB/E023/U*	**E: Plasma Technology** Hauff *EuI-NES-E-PlaTe* *Plasma Technology* *BAR/0E85/U*
6 DS **04:40 p.m. -** **06:10 p.m.**	**L: Hardware Modelling and Simulation** Göhringer *INF-NES-E-HMS Hardware Modeling and Simulation* *MER/0002/H*	**L: Joint Communications and Sensing Systems for 6G Networks** Dokhanchi *EuI-NES-E-JCAS Joint Communications and Sensing Systems for 6G Networks* *GÖR/0229/U*	**L: Fundamentals of Estimation and Detection (compulsory for students enrolled before winter semester 24/25, elective for students enrolled as of winter semester 24/25)** Rave *NES-12 10 01-14.1 / EuI-NES-E-FED Fundamentals of Estimation and Detection* *TOE/0317/H*	**L: Fundamentals of Estimation and Detection (compulsory for students enrolled before winter semester 24/25, elective for students enrolled as of winter semester 24/25)** Rave *NES-12 10 01-14.1 / EuI-NES-E-FED Fundamentals of Estimation and Detection* *TOE/0317/H*	

L = Lecture
E = Exercise
P = Practical Lab Course
DS = Double Period
1st week = odd week
2nd week = even week

German Language Courses:
Please register in OPAL for one course:
https://bildungsportal.sachsen.de/opal/auth/RepositoryEntry/4515361587?7
Registration starts on 1st of October, courses start on 21st of October.

If you wish to attend a higher level, please do a placement test at the beginning of the semester. Read here:
https://www.sprachausbildung.tu-dresden.de/en/enrolment/placement-tests/#1658737554952-3b9ae164-7e33

8th October 2024, subject to changes

Mandatory courses in red lettering!
Same module parts in same background colour

Modules currently in the 3rd semester timetable that can also be taken in 1st semester in blue lettering
PHY-NES-E-QMNE Quantum Mechanics for Nanoelectronics
EuI-NES-E-IPD Integrated Photonic Devices for Communications and Signal Processing
NES-11 06 07-14.1 Ubiquitous Systems
INF-NES-E-HMS Hardware Modelling and Simulation
EuI-NES-E-FCPL Foundations of Certified Programming Language and Compiler Design