

Semester	Modulname DE	Modulname EN	ETCS	Titel	Nachname
WiSe	(Ir)Responsible Science and Engineering	(Ir)Responsible Science and Engineering	5	Prof. Dr.	Sample
SoSe	Advanced Thermodynamics / ThermoLab	Advanced Thermodynamics / ThermoLab	5	Prof. Dr.-Ing. habil.	Kabelec
SoSe	Analysis of deformation measurements	Analysis of deformation measurements	4	Prof. Dr.-Ing.	Neumann
SoSe	Analysis of deformation measurements	Analysis of deformation measurements	4	Dr.-Ing.	Omidalzarandi
WiSe	Angewandte Elastizitätstheorie in der Luftfahrt	Applied elasticity theory in the aviation	5	Dr.-Ing.	Aldakheel
WiSe	Angewandte Elastizitätstheorie in der Luftfahrt	Applied elasticity theory in the aviation	5	Dr.-Ing. habil.	Jacob
Wi-/SoSe	Applied Wave Optics	Applied Wave Optics	4	Dr.-Ing.	Caspary
WiSe	Aspects of Process Design in Forming Technology	Aspects of Process Design in Forming Technology	5	Dr.-Ing.	Krimm
WiSe	Aspects of Process Design in Forming Technology	Aspects of Process Design in Forming Technology	5	Prof. Dr.-Ing.	Behrens
SoSe	Atomoptik	Atomic Optics	2PL+2SL	Prof. Dr.	Ospelkaus-Schwarzer
SoSe	Atomoptik für Optische Technologien	Atom Optics for Optical Technologies	3PL+3SL	Dr.	Schlippert
SoSe	Atomoptik für Optische Technologien	Atom Optics for Optical Technologies	3PL+3SL	Prof. Dr.	Rasel
WiSe	Audio and Speech Signal Processing	Audio and Speech Signal Processing	5	Prof. Dr.-Ing.	Nogueira-Vazquez
WiSe	Best Practices für den programmierenden Wissenschaftler	Best Practices for the Scientist Programmer	3	Dr.	Melchert
WiSe	Best Practices für den programmierenden Wissenschaftler	Best Practices for the Scientist Programmer	3	apl. Prof. Dr.	Demircan
WiSe	Bildsequenzanalyse	Image sequence analysis	5	M.Sc.	Mehrtreter
SoSe	Biointerface Engineering	Biointerface Engineering	5	Dr.-Ing.	Müller
SoSe	Biointerface Engineering	Biointerface Engineering	5	Prof. Prof. h.c. Dr.-Ing. M.Sc.	Glasmacher
SoSe	Biomedizinische Technik für Ingenieure II	Biomedical Engineering for Engineers II	5	Prof. Prof. h.c. Dr.-Ing. M.Sc.	Glasmacher
SoSe	Biophotonik - Bildgebung und Manipulation von biologischen Zellen	Biophotonics - Imaging Physics and Manipulation of Biological Cells	4+1	Prof. Dr.	Heisterkamp
WiSe	Business, Technology & Development of Vehicle Tires	Business, Technology & Development of Vehicle Tires	3	Dr.-Ing.	Wies
SoSe	Computational Photonics	Computational Photonics	4PL+2SL	apl. Prof. Dr.	Demircan
WiSe	Data- and Learning-Based Control	Data- and Learning-Based Control	4+1SL	Prof. Dr.-Ing.	Müller
SoSe	Design and Simulation of optomechatronic Systems	Design and Simulation of Optomechatronic Systems	5	Prof. Dr.-Ing.	Lachmayer
WiSe	Economics of Development and Environment	Economics of Development and Environment	4	Prof. Dr.	Sirote
WiSe	Einführung in die Multiskalen- und Multiphysik-Modellierung	Fundamentals to Multiscale and Multiphysics Modelling	5	Prof. Dr.	Zhuang
WiSe	Einführung in die Nachhaltigkeitswissenschaft - Meteorology and Climatology/Grundlagen der Nachhaltigkeitswissenschaften	Introduction to Sustainability Science - Meteorology and Climatology/Fundamentals of Sustainability Science	5	Dr.	Nagel
WiSe	Electrical Machines and Drives	Electrical Machines and Drives	5	Jun.-Prof. Dr.-Ing.	Ebrahimi
SoSe	Engineering Dynamics and Vibrations	Engineering Dynamics and Vibrations	5	Prof. Dr.-Ing.	Wallaschek
SoSe	Engineering Dynamics and Vibrations	Engineering Dynamics and Vibrations	5	Dr.-Ing.	Wangenheim
WiSe	Fernerkundung I	Remote Sensing I	4	Dr. rer. Nat.	Melshheimer
SoSe	Fernerkundung II	Remote Sensing II	5	Dr. rer. Nat.	Melshheimer
SoSe	Festkörperlaser	Solid State Lasers	2	Dr.	Weßels
SoSe	Flugtriebwerke	Jet Engines	5	Dr.-Ing.	Herbst
WiSe	Fundamentals and Configuration of Laser Beam Sources	Fundamentals and Configuration of Laser Beam Sources	5	Dr.	Wienke
WiSe	Fundamentals of Laser Medicine and Biophotonics	Fundamentals of Laser Medicine and Biophotonics	4	apl. Prof. Dr.	Lubatschowski
WiSe	Fundamentals of Laser Medicine and Biophotonics	Fundamentals of Laser Medicine and Biophotonics	4	Prof. Dr.	Heisterkamp
SoSe	Image Analysis I	Image Analysis I	5	apl. Prof. Dr. techn.	Rottensteiner
WiSe	Image Analysis II	Image Analysis II	5	apl. Prof. Dr. techn.	Rottensteiner
SoSe	Industrievermessung	Industrial surveying	5	Prof. Dr.-Ing.	Neumann
WiSe	Internal Flows	Internal Flows	5	Dr.-Ing.	Mimic
WiSe	Internet GIS	Internet GIS	5	M.Sc.	Fauerhake
SoSe	Introduction to Continuum Mechanics	Introduction to Continuum Mechanics	5	Dr.-Ing.	Soleimani
WiSe	Introduction to Mechanical Vibrations	Introduction to Mechanical Vibrations	5	Dr.-Ing.	Wangenheim
WiSe	Introduction to Nanophotonics	Introduction to Nanophotonics	5	Prof. Dr.	Cala Lesina
SoSe	Introduction to Optical Technologies	Introduction to Optical Technologies	5	Prof. Dr.	Cala Lesina
WiSe	Introduction to Sustainability Economics	Introduction to Sustainability Economics	4	Dr.	Tung Nguyen
WiSe	Introductory Biophysics for Physics	Introductory Biophysics for Physics	3	Prof. Dr.	Heisterkamp
WiSe	Kryo- und Biokältetechnik	Cryogenics and Cryobiology	5	Prof. Prof. h.c. Dr.-Ing. M.Sc.	Glasmacher
WiSe	Künstliche Intelligenz in der Antriebssystementwicklung für nachhaltige Mobilität	Artificial Intelligence in propulsion system development for sustainable mobility	4	Dr.-Ing.	Rezaei
SoSe	Laser Material Processing	Laser Material Processing	5	Prof. Dr.-Ing.	Overmeyer
SoSe	Laser Measurement Technology	Laser Measurement Technology	5	Prof. Dr.	Roth
WiSe	Lasertechnik	laser metrology	5	Prof. Dr.	Roth
WiSe	Laserscanning - Modellierung and Interpretation	Laserscanning - Modelling and Interpretation	5	apl. Prof. Dr.-Ing.	Brenner
WiSe	Laserspektroskopie in Life Science	Laser Spectroscopy in Life Sciences	5	Prof. Dr.	Roth
Wi-/SoSe	Machine Learning for Material and Structural Mechanics	Machine Learning for Material and Structural Mechanics	2	Dr.-Ing.	Aldakheel
WiSe	Micro- and Nanosystems	Micro- and Nanosystems	5	Prof. Dr.-Ing.	Wurz
SoSe	Model Predictive Control	Model Predictive Control	5	Prof. Dr.-Ing.	Müller
Wi-/SoSe	MOOC Aircraft Engines	MOOC Aircraft Engines	3	Dr.-Ing.	Herbst
WiSe	Nachhaltigkeitsbewertung II	Sustainability assessment II	5	Prof. Dr.-Ing.	Endres
WiSe	Nachhaltigkeitsbewertung II	Sustainability assessment II	5	M. Eng.	Spielring
WiSe	Nonlinear Control	Nonlinear Control	4+1 (SL)	Prof. Dr.-Ing.	Müller
Wi-/SoSe	Oberstufenlabor: Augmented Reality Labor Quanten Kryptographie	MasterLab: Augmented Reality Lab Quantum Cryptography	1	Prof. Dr.-Ing.	Overmeyer
WiSe	Oberstufenlabor: Dämpfung in Lichtwellenleitern	MasterLab: Attenuation in optical fibers	1	M.Sc.	Olsen
Wi-/SoSe	Oberstufenlabor: Faraday Effekt	MasterLab: Faraday effect	1	Dr.	Weber
WiSe	Oberstufenlabor: Michelson Interferometer	MasterLab: Michelson interferometer	1	Dr.	Weber
WiSe	Oberstufenlabor: Speckle Interferometer	MasterLab: Speckle Interferometer	1	Prof. Dr.	Roth
WiSe	Oberstufenlabor: Videoprojektorteknologie	MasterLab: Video Project Technology	1	M. Sc.	Dai
SoSe	Optische Radiometrie	Optical Radiometry	5	apl. Prof. Dr.	Kovacev
WiSe	Photogrammetrie Computer Vision	Photogrammetric Computer Vision	5	Prof. Dr.-Ing. habil.	Heipke
WiSe	Photonik	Photonics	3+2	Prof. Dr.	Chichkov
WiSe	Physics of ultrasound and its applications	Physics of ultrasound and its applications	5	Dr.-Ing.	Triefel
Wi-/SoSe	Physik der Solarzelle	Solar Cell Physics	5	Prof. Dr.-Ing.	Brendel
Wi-/SoSe	Polymer-chemische Analyse von Kunststoffen	Polymer chemical analysis of plastics	5	Dr.	Shamsuyeva
WiSe	Power Electronics	Power Electronics	5	Jun.-Prof. Dr.-Ing.	Friebe
SoSe	Power Plant Engineering	Power Plant Engineering	5	Prof. Dr.-Ing.	Scharf
WiSe	Production of Optoelectronic Systems	Production of Optoelectronic Systems	5	Prof. Dr.-Ing.	Overmeyer
Wi-/SoSe	Proseminar Biophotonik	Proseminar Biophotonics	3	Prof. Dr.	Roth
SoSe	Proseminar Nichtlineare Faseroptik	Proseminar Nonlinear Fiber Optics	3	apl. Prof. Dr.	Demircan
WiSe	Quantencomputing und Quantenlogik mit gespeicherten Ionen	Quantum computing and quantum logic with trapped ions	4	Prof. Dr.	Ospelkaus
WiSe	Radar Remote Sensing	Radar Remote Sensing	5	Prof. Dr.	Motagh
SoSe	Recursive State Estimation for dynamic Systems	Recursive State Estimation for dynamic Systems	5	Dr.-Ing.	Alkhatib
SoSe	Rheology and numerical methods in Tribology	Rheology and numerical methods in Tribology	5	Dr.-Ing.	Bader
WiSe	Seminar Numerical Optics	Seminar Numerical Optics	3	apl. Prof. Dr.	Demircan
WiSe	Seminar Numerischer Optik	Seminar Numerical Optics	3	apl. Prof. Dr.	Demircan
SoSe	Seminar on nanophotonics	Seminar on nanophotonics	3	Prof. Dr.	Cala Lesina
Wi-/SoSe	Seminar Optik auf Femto- und Attosekunden-Zeitskalen	Seminar Optics at Femto- and Attosecond Scales	2PL+1SL	apl. Prof. Dr.	Kovacev
WiSe	Strong Field Physics	Strong Field Physics	3PL+2SL	apl. Prof. Dr.	Kovacev
WiSe	Sustainability assessment I	Sustainability assessment I	5	Prof. Dr.-Ing.	Endres
WiSe	Sustainable Combustion	Sustainable Combustion	5	Prof. Dr.	Dinkelacker
SoSe	Tutorials on photonics and multiphysics simulations	Tutorials on photonics and multiphysics simulations	3	Prof. Dr.	Cala Lesina
SoSe	Ultraschall Laserpulse	Ultrasound laser pulses	1PL+1SL	Priv.-Doz. Dr.	Babushkin