TECHNISCHE UNIVERSITÄT KAISERSLAUTERN

Module Handbook

TUK MODHB Homapage

Notes on the module handbook of the department Mechanical and Process Engineering

Die hier dargestellten veröffentlichten Studiengang-, Modul- und Kursdaten des Fachbereichs Maschinenbau und Verfahrenstechnik ersetzen die Modulbeschreibungen im KIS und wuden mit Ausnahme folgender Studiengänge am 28.10.2020, bzw. am 13.01.2021 verabschiedet.

Ausnahmen:

- BEd. Lehramt Metalltechnik (Stand WS 19/20): https://www.mv.uni-kl.de/fileadmin/mv/Studium_Lehre/Modulhandbuecher/MHB_Bachelor_Lehramt_Metalltechnik.pdf
- MEd. Lehramt Metalltechnik Werkstoffe und Fertigung (Stand WS 19/20): https://www.mv.uni-kl.de/fileadmin/mv/Studium_Lehre/Modulhandbuecher/MHB_Master_Lehramt_Metalltechnik_-_Werkstoffe_und_Fertigung.pdf
- MEd. Lehramt Metalltechnik Maschinen- und Fahrzeugtechnik (Stand WS 19/20): https://www.mv.uni-kl.de/fileadmin/mv/Studium_Lehre/Modulhandbuecher/MHB_Master_Lehramt_Metalltechnik_-_Fahrzeugtechnik.pdf
- MEd. Lehramt Metalltechnik Verfahrenstechnik (Stand WS 19/20): https://www.mv.uni-kl.de/fileadmin/mv/Studium_Lehre/Modulhandbuecher/MHB_Master_Lehramt_Metalltechnik_-_Verfahrenstechnik.pdf

Module-Pool MV-ALL-MPOOL-6

Wahlpflichtmodule allgemein ([1.0 - 9.0] CP)

Basedata

CP	[1.0 - 9.0] CP
Level	[6] Master (General)
Livecycle-State	[NORM] Active

Modules in the Pool

Number	Name	Semester orientation	CP
Area of study *Socioinformatics*			
INF-00-31-M-3	Web 2.0 Technologies 1 (Principles and Techniques)	1 Sem., in WiSe	4.0 CP
INF-00-32-M-3	Web 2.0 Technologies 2 (Services, Security and Privacy)	1 Sem., in SuSe	4.0 CP
Area of study *Mandatory Modules*			
INF-02-07-M-2	Scientific Computing	1 Sem., in WiSe	4.0 CP
Area of study *Software-Engineering*			

INF-31-55-M-6	Requirements Engineering	1 Sem., in WiSe	4.0 CP
Area of study *Materials and Surface Technologies*			
MV-AWOK-185-M-4	Corrosion and Corrosion Protection of Metallic Materials	1 Sem., in WiSe	3.0 CP
MV-AWOK-217-M-4	Surface Technologies	1 Sem., in WiSe	3.0 CP
MV-AWOK-223-M-4	Adhesive Bonding Technologies	1 Sem., in SuSe	3.0 CP
MV-AWOK-35-M-4	Joining Technologies in Vehicle Technology	1 Sem., in SuSe	3.0 CP
Area of study *Materials Testing*			
MV-AWP-221-M-7	Failure Analysis	1 Sem., in SuSe	3.0 CP
MV-AWP-255-M-4	Materials Testing	1 Sem., in WiSe	3.0 CP
MV-AWP-271-M-4	Plasticity of Metallic Materials	1 Sem., in WiSe	3.0 CP
MV-AWP-M228-M-7	Forging laboratory	1 Sem., in WiSe/SuSe	2.0 CP
Area of study *Bioprocess Engineering*			
MV-BioVT-120-M-7	Bioprocess Engineering II	1 Sem., in SuSe	6.0 CP
MV-BioVT-121-M-4	Biotransformation and Biocatalysis	1 Sem., in WiSe	3.0 CP
MV-BioVT-122-M-7	Downstream Processing in Biotechnology II	1 Sem., in WiSe	3.0 CP
MV-BioVT-128-M-7	Bioanalytics Lab	1 Sem., in WiSe	3.0 CP
MV-BioVT-134-M-7	Biorefinement	1 Sem., in WiSe	3.0 CP
MV-BioVT-214-M-7	Bioprocess Engineering Lab II	1 Sem., in WiSe	3.0 CP
MV-BioVT-299-M-7	Electrochemical Bioprocess Engineering	1 Sem., irreg.	3.0 CP
MV-BioVT-302-M-4	Food Bioprocess Engineering	1 Sem., in WiSe	3.0 CP
MV-BioVT-65-M-4	Downstream Processing in Biotechnology I	1 Sem., in SuSe	3.0 CP
MV-BioVT-77-M-4	Bioprocess Engineering Lab I	1 Sem., in SuSe	3.0 CP
MV-BioVT-M102-M-4	Bioprocess Engineering I	2 Sem., from WiSe/SuSe	8.0 CP
MV-BioVT-M103-M-7	Bioprocess Engineering II	1 Sem., in WiSe	9.0 CP
MV-BioVT-M118-M-4	Bioanalytics and Bioprocess Analytics I/II	2 Sem., from WiSe	3.0 CP
MV-BioVT-M154-M-7	Brewing Technology	1 Sem., in WiSe/SuSe	2.0 CP
Area of study *Composite Engineering*			
MV-CCE-169-M-4	Polymers in Vehicle Technology	1 Sem., in SuSe	3.0 CP
MV-CCE-180-M-4	Designing with plastics	1 Sem., in WiSe	3.0 CP
MV-CCE-181-M-7	Polymer Processing	1 Sem., in SuSe	3.0 CP

MV-CCE-186-M-7	Polymer Nanocomposites	1 Sem., in WiSe	4.0 CP
MV-CCE-189-M-7	Tribology of Plastics	1 Sem., in SuSe	3.0 CP
MV-CCE-228-M-7	Test methods in Plastics Technology	1 Sem., in WiSe	3.0 CP
MV-CCE-M108-M-7	Laboratory "Plastics Technology"	1 Sem., in WiSe	3.0 CP
MV-CCE-M159-M-4	Processing controlled properties in the polymer welding	1 Sem., in WiSe	3.0 CP
MV-CCE-M179-M-7	Physics of Polymers	1 Sem., in WiSe	4.0 CP
MV-CCE-M223-M-7	Polymer processing II: Additive manufacturing of polymer materials	1 Sem., in SuSe	3.0 CP
Area of study *Computational Physics in Engineering*			
MV-CPE-M192-M-7	Structural Analysis and Modeling	1 Sem., in WiSe/SuSe	5.0 CP
Area of study *Manufacturing Technology and Production Systems*			
MV-FBK-104-M-4	Manufacturing Systems Engineering I	1 Sem., in WiSe	3.0 CP
MV-FBK-112-M-4	Manufacturing Systems Engineering II	1 Sem., in SuSe	3.0 CP
MV-FBK-114-M-4	Quality Management I	1 Sem., in WiSe	3.0 CP
MV-FBK-118-M-4	Manufacturing Laboratory	1 Sem., in WiSe	3.0 CP
MV-FBK-170-M-7	Manufacturing Engineering of Commercial Vehicles	1 Sem., in SuSe	3.0 CP
MV-FBK-192-M-7	Quality Management II	1 Sem., in SuSe	3.0 CP
MV-FBK-199-M-4	Advanced Manufacturing Technologies I	1 Sem., in WiSe	3.0 CP
MV-FBK-200-M-4	Advanced Manufacturing Technologies II	1 Sem., in SuSe	3.0 CP
MV-FBK-201-M-4	Digital tools for Factory Planing I	1 Sem., in WiSe	3.0 CP
MV-FBK-202-M-4	Digital tools for Factory Planing II (3D-printing)	1 Sem., in SuSe	3.0 CP
MV-FBK-33-M-4	Automotive Production	1 Sem., in WiSe	4.0 CP
MV-FBK-51-M-4	Applied Statistics for Experimenters	1 Sem.	3.0 CP
MV-FBK-M112-M-4	Manufacturing Systems Engineering I/II	2 Sem., from WiSe	6.0 CP
MV-FBK-M119-M-4	Advanced Manufacturing Technologies	2 Sem., from WiSe	6.0 CP
MV-FBK-M120-M-4	Quality Management I/II	2 Sem., from WiSe	6.0 CP
MV-FBK-M140-M-4	Substainable Manufacturing	1 Sem., in WiSe	3.0 CP
MV-FBK-M202-M-7	Advanced Industrial Engineering	1 Sem., in WiSe	3.0 CP
MV-FBK-M226-M-7	Laser material processing and additive manufacturing	1 Sem., in WiSe	3.0 CP
Area of study *Mechanical and Automotive Design*			
MV-IMAD-102-M-4	Theory of Design II	1 Sem., in SuSe	4.0 CP

MV-IMAD-117-M-7	Laboratory Machine Design	1 Sem., in SuSe	3.0 CP
MV-IMAD-172-M-4	Railway Vehicles I (Basics)	1 Sem., in WiSe	3.0 CP
MV-IMAD-262-M-7	Durability load data analysis	1 Sem., in SuSe	3.0 CP
MV-IMAD-M198-M-7	Vehicle Acoustics	1 Sem., in SuSe	3.0 CP
MV-IMAD-M203-M-5	Agricultural Machines	1 Sem., in SuSe	3.0 CP
MV-IMAD-M204-M-5	Construction Machines	1 Sem., in SuSe	3.0 CP
MV-IMAD-M205-M-5	Economic Leightweight Design	1 Sem., in SuSe	3.0 CP
MV-IMAD-M206-M-7	Introduction to Omnibus Technology	1 Sem., in WiSe	3.0 CP
MV-IMAD-M227-M-7	Durability of light-weight structures	1 Sem., in WiSe	3.0 CP
Area of study *Composite Materials*			
MV-IVW-174-M-4	Design in Composites	1 Sem., in SuSe	3.0 CP
MV-IVW-183-M-7	Fatigue and Life Cycles	1 Sem., in SuSe	3.0 CP
MV-IVW-184-M-7	Commercial Aircraft Composite Technology	1 Sem., in WiSe	4.0 CP
MV-IVW-235-M-7	Design and Analysis of Composite Materials	1 Sem., in WiSe	3.0 CP
MV-IVW-M121-M-7	Joining Technologies for Composites	1 Sem., in WiSe	3.0 CP
MV-IVW-M148-M-7	Biomimetics in Materials Science	1 Sem., in WiSe	3.0 CP
MV-IVW-M152-M-4	Technologie und Rotorblätter von Windenergieanlagen	1 Sem.	2.0 CP
MV-IVW-M158-M-4	Integrated product development with composites	1 Sem., in WiSe	6.0 CP
MV-IVW-M195-M-7	Physics of multifunctional materials	1 Sem., in SuSe	3.0 CP
MV-IVW-M201-M-7	Laboratory CAE with composite materials	1 Sem., in WiSe	5.0 CP
MV-IVW-M217-M-7	Crashloads to structures	1 Sem., in SuSe	3.0 CP
Area of study *Vehicle Propulsion Systems*			
MV-LAF-105-M-4	Energy Technology I	1 Sem., in WiSe	3.0 CP
MV-LAF-159-M-7	Vehicle Propulsion Systems	1 Sem., in SuSe	3.0 CP
MV-LAF-173-M-4	Laboratory Vehicle Engineering	1 Sem., in WiSe/SuSe	3.0 CP
MV-LAF-207-M-4	Resource- and Environment-friendly Energy Conversion II	1 Sem., in SuSe	3.0 CP
MV-LAF-240-M-4	Gasoline Engine Control Systems	1 Sem., in WiSe	2.0 CP
MV-LAF-245-M-4	Fuels, mixture formation and lubrication systems	1 Sem., in WiSe	3.0 CP
MV-LAF-M157-M-4	Vehicle and Powertrain concepts – develop ideas to projects	1 Sem., in SuSe	2.0 CP
MV-LAF-M215-M-7	Analysis and simulation methods in powertrain development	1 Sem., in SuSe	3.0 CP
MV-LAF-M216-M-7	Mobile Emission Control Fundamentals for Lowest Emission	1 Sem., in SuSe	3.0 CP

	Concepts		
MV-LAF-M220-M-7	Concept and design of engines and powertrain systems	1 Sem., in WiSe	3.0 CP
Area of study *Engineering Thermodynamics*			
MV-LTD-M187-M-7	Data evaluation and design of experiments	1 Sem., in SuSe	3.0 CP
MV-LTD-M199-M-7	Interfacial Thermodynamics	1 Sem., in SuSe	3.0 CP
MV-LTD-M200-M-4	chemPLANT project	1 Sem., in SuSe	5.0 CP
MV-LTD-M207-M-7	Laboratory for magnetic resonance in natural sciences and engineering	1 Sem., in WiSe	3.0 CP
MV-LTD-M213-M-4	ChemCar project	2 Sem., from WiSe	6.0 CP
Area of study *Mechatronics in Mechanical and Automotive Engineering*			
MV-MEC-163-M-7	Chassis Control Systems	1 Sem., in SuSe	5.0 CP
MV-MEC-229-M-4	Mechatronics	1 Sem., in SuSe	5.0 CP
MV-MEC-M125-M-4	Laboratory Mechatronics	1 Sem., in WiSe	3.0 CP
MV-MEC-M155-M-7	Control Theory	1 Sem., in SuSe	5.0 CP
MV-MEC-M169-M-4	Hybrid and discrete-event dynamical systems	1 Sem., in WiSe	5.0 CP
MV-MEC-M193-M-7	Machine Learning	1 Sem., in SuSe	5.0 CP
MV-MEC-M230-M-7	Introduction to Autonomous Systems	1 Sem., in WiSe	4.0 CP
Area of study *Machine Elements, Gears, and Transmissions*			
MV-MEGT-109-M-7	Drive Systems	1 Sem., in SuSe	5.0 CP
MV-MEGT-110-M-4	Gear Technology	1 Sem., in WiSe	5.0 CP
MV-MEGT-160-M-7	Drives and Gears	1 Sem., in SuSe	3.0 CP
MV-MEGT-265-M-7	Seal Technology of Elastic Materials (Basics and Applications)	1 Sem., in SuSe	3.0 CP
MV-MEGT-M106-M-7	Powertrain Engineering	1 Sem., in SuSe	6.0 CP
MV-MEGT-M143-M-4	Tribology in Mechanical Engineering I	1 Sem., in WiSe	3.0 CP
MV-MEGT-M144-M-7	Tribology in Mechanical Engineering II	1 Sem., in SuSe	3.0 CP
MV-MEGT-M163-M-4	Computational tribology I	1 Sem., in WiSe	3.0 CP
MV-MEGT-M224-M-4	Tribology of dynamic seals	1 Sem., in WiSe	3.0 CP
Area of study *Micro Fluid Mechanics*			
MV-MFM-M197-M-7	Physicochemical Hydrodynamics	1 Sem., in SuSe	4.0 CP
Area of study *Measurement and Sensor Technology*			
MV-MTS-197-M-4	physics-based measuring technique	1 Sem., in SuSe	3.0 CP
MV-MTS-260-M-4	Optical Measuring Technique	1 Sem., in WiSe	3.0 CP

MV-MTS-261-M-4	Systems Theory	1 Sem., in SuSe	3.0 CP
MV-MTS-88-M-4	Applied Control Theory	1 Sem., in WiSe	5.0 CP
MV-MTS-M171-M-7	Analog and digital measuring signal processing	1 Sem., in WiSe	4.0 CP
No area of study			
MV-MV-M126-M-4	Field Trip	1 Sem., in WiSe/SuSe	1.0 CP
Area of study *Particle Process Engineering*			
MV-MVT-124-M-7	Mechanical Process Engineering II	1 Sem., in WiSe	5.0 CP
MV-MVT-133-M-4	Multiphase Flow	1 Sem., in WiSe	5.0 CP
MV-MVT-148-M-4	Mechanical Process Engineering III	1 Sem., in WiSe	4.0 CP
MV-MVT-209-M-7	Particle Technology II	1 Sem., in SuSe	3.0 CP
MV-MVT-211-M-7	Exercise Mechanical Process Engineering II	1 Sem., in WiSe	3.0 CP
MV-MVT-229-M-7	Aerosoltechnik	1 Sem., in SuSe	3.0 CP
MV-MVT-230-M-6	Unit Operations of Waste Processing II	1 Sem., in SuSe	3.0 CP
MV-MVT-M185-M-7	Simulation of Particle Flows with Open Source Software	1 Sem., irreg.	4.0 CP
Area of study *Machine Tools and Control Systems*			
MV-PAK-115-M-4	Transport and Warehousing Technology	1 Sem., in WiSe	3.0 CP
MV-PAK-165-M-7	Design of Human-Machine Systems	1 Sem., in WiSe	4.0 CP
MV-PAK-241-M-4	Industrial Control Technologies	1 Sem., in SuSe	3.0 CP
MV-PAK-242-M-4	Computer Aided Production Engineering II	1 Sem., in WiSe	3.0 CP
MV-PAK-243-M-4	Team-oriented Project Planning of Production Plants	1 Sem., in WiSe	4.0 CP
MV-PAK-244-M-4	Special Laboratory Automation and Controllers	1 Sem., in WiSe/SuSe	3.0 CP
MV-PAK-27-M-4	Computer Aided Production Engineering I	1 Sem., in SuSe	3.0 CP
MV-PAK-M153-M-4	Industrial Handling and Robots	1 Sem., in SuSe	4.0 CP
Area of study *Fluid Mechanics and Turbomachinery*			
MV-SAM-101-M-4	Fluid Mechanics II	1 Sem., in SuSe	5.0 CP
MV-SAM-106-M-7	Energy Technology II	1 Sem., in SuSe	3.0 CP
MV-SAM-111-M-7	Turbomachinery II	1 Sem., in SuSe	5.0 CP
MV-SAM-113-M-4	Hydraulics and Pneumatics	1 Sem., in WiSe	3.0 CP
MV-SAM-137-M-7	Fluid Mechanics III/CFD	1 Sem., in WiSe	3.0 CP
MV-SAM-266-M-7	Acoustics I	1 Sem., in WiSe	3.0 CP

MV-SAM-267-M-7	Turbomachinery III	1 Sem., in WiSe	3.0 CP
MV-SAM-268-M-7	Renewable Energy I	1 Sem., in WiSe	3.0 CP
MV-SAM-269-M-7	Renewable Energy II	1 Sem., in SuSe	3.0 CP
MV-SAM-276-M-4	Numerical Fluid Mechanics with Open Source Tools	1 Sem., in WiSe	5.0 CP
MV-SAM-M123-M-4	Algorithms and Programming	1 Sem., in WiSe	6.0 CP
MV-SAM-M137-M-4	Conventional Energy Technology	1 Sem., in WiSe	5.0 CP
MV-SAM-M139-M-4	Laboratory Energy Technology II	1 Sem., in WiSe	3.0 CP
MV-SAM-M146-M-7	Optimization in Fluid Mechanics	1 Sem., in SuSe	3.0 CP
MV-SAM-M149-M-7	Acoustics II	1 Sem., in SuSe	3.0 CP
MV-SAM-M161-M-4	Computer Aided Design of Turbomachinery	1 Sem., in WiSe	3.0 CP
MV-SAM-M162-M-4	Gas and Steam Turbines	1 Sem., in SuSe	3.0 CP
MV-SAM-M190-M-7	Stationary Gas Turbines – Design Methodologies and Development Trends	1 Sem., in WiSe	3.0 CP
MV-SAM-M194-M-7	Lattice Boltzmann Methods and Meshfree CFD Techniques	1 Sem., in SuSe	3.0 CP
MV-SAM-M196-M-7	Gas Turbine Plants and Environmental Protection	1 Sem., in SuSe	2.0 CP
MV-SAM-M211-M-7	Advanced Fluid Mechanics I	1 Sem., in WiSe	3.0 CP
MV-SAM-M212-M-7	Advanced Fluid Mechanics II	1 Sem., in SuSe	3.0 CP
Area of study *Engineering Thermodynamics*			
MV-TD-107-M-4	Molecular Thermodynamics	1 Sem., in WiSe	3.0 CP
MV-TD-135-M-7	Process Thermodynamics	1 Sem., in SuSe	4.0 CP
MV-TD-224-M-7	Computerlab Molecular Simulation	1 Sem., in SuSe	3.0 CP
MV-TD-264-M-4	Thermodynamics of Transport Processes	1 Sem., in WiSe	3.0 CP
MV-TD-298-M-4	Modeling, simulation and optimization in process engineering	1 Sem., in WiSe	3.0 CP
MV-TD-68-M-4	Development and Design of Chemical Processes	1 Sem., in WiSe	2.0 CP
MV-TD-M145-M-7	Polymerthermodynamik	1 Sem.	3.0 CP
MV-TD-M172-M-4	Thermodynamics of electrolyte solutions	1 Sem., in WiSe	3.0 CP
MV-TD-M189-M-7	Applications of magnetic resonance in natural sciences and engineering	1 Sem., in WiSe	3.0 CP
Area of study *Applied Mechanics*			
MV-TM-100-M-4	Selected Topics of Mechanics	1 Sem., in SuSe	3.0 CP
MV-TM-143-M-4	Non-linear Finite Elements	1 Sem., in WiSe	6.0 CP
MV-TM-145-M-7	Introduction to the Boundary Element Method	1 Sem., in SuSe	3.0 CP

MV-TM-168-M-7	Fracture mechanics	1 Sem., in SuSe	3.0 CP
MV-TM-257-M-4	Contact Mechanics	1 Sem., in WiSe	3.0 CP
MV-TM-M135-M-7	Engineering Optimization	1 Sem., in SuSe	3.0 CP
MV-TM-M142-M-7	Non-linear Continuum Mechanics	1 Sem., in SuSe	3.0 CP
Area of study *Separation Science and Technology*			
MV-TVT-123-M-5	Thermal Separation Processes II	1 Sem., in SuSe	5.0 CP
MV-TVT-147-M-7	Computer Aided Engineering (TVT III)	1 Sem., irreg.	6.0 CP
MV-TVT-292-M-4	Process development in chemical industry	1 Sem., in WiSe	2.0 CP
MV-TVT-300-M-7	Process and Plant Safety	1 Sem., in WiSe/SuSe	4.0 CP
MV-TVT-M138-M-4	Thermal and Membrane Processes Laboratory II	1 Sem., in SuSe	3.0 CP
MV-TVT-M188-M-7	Safety of machinery within EEA	1 Sem.	3.0 CP
Area of study *Virtual Product Engineering*			
MV-VPE-116-M-4	Virtual Product Engineering II	1 Sem., in SuSe	3.0 CP
MV-VPE-119-M-4	Laboratory 3D-CAD	1 Sem., in WiSe/SuSe	3.0 CP
MV-VPE-301-M-4	Product Lifecycle Management	1 Sem., in SuSe	4.0 CP
MV-VPE-M151-M-4	Engineering Management	1 Sem., in WiSe	3.0 CP
MV-VPE-M166-M-4	Smart Systems Engineering	1 Sem., in WiSe	3.0 CP
MV-VPE-M167-M-4	Laboratory Crowd Engineering	1 Sem., in WiSe	3.0 CP
MV-VPE-M168-M-4	Laboratory Computer Aided Styling	1 Sem., in WiSe	3.0 CP
MV-VPE-M219-M-7	Smart Product and Service Engineering	1 Sem., in WiSe	3.0 CP
Area of study *Materials Science and Engineering*			
MV-WKK-103-M-7	Construction Materials II	1 Sem., in SuSe	3.0 CP
MV-WKK-108-M-4	Cyclic Deformation Behaviour I	1 Sem., in WiSe	3.0 CP
MV-WKK-187-M-4	Fusion welding and pressure welding technology I	1 Sem., in SuSe	3.0 CP
MV-WKK-195-M-4	Fusion welding and pressure welding technology II	1 Sem., in WiSe	3.0 CP
MV-WKK-196-M-4	High Temperature Materials	1 Sem., in WiSe	3.0 CP
MV-WKK-198-M-4	Laboratory "Material Testing"	1 Sem., in WiSe	3.0 CP
MV-WKK-231-M-7	Materials selection in Mechanical Engineering	1 Sem., in WiSe	3.0 CP
MV-WKK-M134-M-7	Cyclic Deformation Behaviour II	1 Sem., in SuSe	3.0 CP
MV-WKK-M150-M-4	Metal-based Lightweight Materials	1 Sem., in SuSe	3.0 CP
MV-WKK-M218-M-7	Additive manufactured metallic materials	1 Sem.. in WiSe	3.0 CP

Area of study *Machine Tools and Control Systems*			
MV-WSKL-M208-M-4	Mechatronic Systems	1 Sem., in SuSe	5.0 CP

References to Module Pool [MV-ALL-MPOOL-6]

Course of Study	Section	Choice/Obligation
[MV-88.202-SG] M.Sc. Production Engineering	Wahlpflichtmodule	[WP] Compulsory Elective
[MV-88.235-SG] M.Sc. Vehicle Engineering	Wahlpflichtmodule	[WP] Compulsory Elective
[MV-88.659-SG] M.Sc. Mechanical Engineering with a minor in Applied Computer Science	Wahlpflichtmodule	[WP] Compulsory Elective
[MV-88.805-SG] M.Sc. Biological Process Engineering	Wahlpflichtmodule	[WP] Compulsory Elective
[MV-88.808-SG] M.Sc. Computational Engineering	Wahlpflichtmodule	[WP] Compulsory Elective
[MV-88.814-SG] M.Sc. Mechanical Engineering with a minor in Economics	Wahlpflichtmodule	[WP] Compulsory Elective
[MV-88.A29-SG] M.Sc. Biological and Chemical Engineering	Wahlpflichtmodule	[WP] Compulsory Elective
[MV-88.B10-SG] M.Sc. Energy and Process Engineering	Wahlpflichtmodule	[WP] Compulsory Elective
[MV-88.B73-SG] M.Sc. Materials Science and Engineering	Wahlpflichtmodule	[WP] Compulsory Elective
[MV-88.B78-SG] M.Sc. Production Engineering in Mechanical Engineering	Wahlpflichtmodule	[WP] Compulsory Elective