

M.Sc. Engineering Science: Defence Systems

Name		C	8/1					9/2					10/3					11/4					12/5				
			V	ÜL	TWS	CP	Pr	V	ÜL	TWS	CP	Pr	V	ÜL	TWS	CP	Pr	V	ÜL	TWS	CP	Pr	V	ÜL	TWS	CP	Pr
Numerical Mathematics	Bause	C	2	1	3	4	1,5																				
Operating Systems & Secure Computer Networks		C																									
Operating Systems	Klauer																										
Secure Computer Networks	Klauer																										
HPC Systems and HPC Applications		E																									
Hardware Architecture of HPC Aystems	Glass																										
HPC Techniques and Software Development	Glass																										
Parallel Computing for Multiscale and Multiphysics Problems	Glass																										
Special Applications of HPC in Defence Technology	Glass																										
Advanced Numerical Mathematics	Bause / Stierner																										
Computational Fluid Dynamics	Breuer																										
Computational Electromagnetics	Stierner																										
Computational Material Design		E																									
Continuum Mechanics	Lammering																										
Materials Modelling	Klassen / Höche																										
Modelling Advanced Processing Technologies	Klassen / Höche																										
Simulating High Strain Deformation	Klassen / Höche																										
Computational Design of Surfaces and Interfaces	Klassen / Höche																										
Statistical Thermodynamics	Meier																										
Electro-Optics		E																									
High-Power Electromagnetics and Laser Systems	Dickmann (LA Sabath/Jung)																										
Technical Optics	Kip																										
Infrared Technologies and Applications	Kip																										
Laser Technology	Kip																										
Defence Systems and Technologies		E 24 CP																									
Ballistics 1	NN																										
Ballistics 2	NN																										
Failure Analysis and Maintenance	NN (LA Böllinghaus)																										
Improvised Explosive Devices Disposal	Niemeyer (LA Jäger)																										
Material Handling and Warehouse Technology	Bruns (LA: Ulrich)																										
Electrochemical Power Sources for Mil. Appl.	Kreischer (LACremers)																										
Corrosion and Corrosion Protection	Böllinghaus																										
Terramechanics and Off-Road Vehicle Engineering	Meywerk																										
CBRN	Niemeyer (LA NN)																										
Naval Shipbuilding	Meywerk (LA Ehrenberg)																										
Systems Engineering for Land Vehicles	Meywerk (LA Scheibel)																										
Ammunition and Weapon Technologies	Meywerk (LA Schmidt)																										
Interdisciplinary Studies		E 9 CP																									
Laboratory Project	Profs ET/MB	C																									
Master Thesis	Profs ET/MB	C																									
Σ TWS																											
Σ CP																											
# of Examinations																											
CP/TWS																											