

M.Sc. Engineering Science: Defence Systems

Name			8/1 W					9/2 F					10/3 H					11/4 W					12/5 F				
			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	Klauer	C											2	2	4					8	2						
Operating Systems	Klauer																		2	2	4						
Secure Computer Networks	Klauer																										
HPC Systems and HPC Applications		E																									
Hardware Architecture of HPC Aystems	Neumann							2	2	4	4	A									(16)						
HPC Techniques and Software Development	Neumann												2	2	(3)	(4)	A										
Parallel Computing for Multiscale and Multiphysics Problems	Neumann																			2	1	(3)	(4)	A			
Special Applications of HPC in Defence Technology	Neumann																										
Advanced Numerical Mathematics	Bause / Stierner							2	2	4	4	A															
Computational Fluid Dynamics	Breuer							2	1	(3)	(4)	A															
Computational Electromagnetics	Stierner												2	2	(4)	(4)	A										
Computational Material Design		E																									
Continuum Mechanics	Lammering		2	1	3	4	A																				
Materials Modelling	Klassen / Höche							2	1	3	4	A															
Modelling Advanced Processing Technologies	Klassen / Höche												2	1	3	4	A										
Simulating High Strain Deformation	Klassen / Höche																										
Computational Design of Surfaces and Interfaces	Kramer																			2	1	3	4	A			
Statistical Thermodynamics	Meier												2	1	3	(4)	A										
Electro-Optics		E																									
High-Power Electromagnetics and Laser Systems	Dickmann (LA Sabath/Jung)																										
Technical Optics	Pronin							2	1	3	4	A								2	1	3	4	A			
Active Sonar	Fickenscher (LA Bonnett)												2	1	(3)	(4)	A										
Infrared Technologies and Applications	Pronin																										
Laser Technology	Kip		2	1	3	4	A																				
Pulsed Power and Applications	Stierner (LA Schneider)		2	1	(3)	(4)	A																				
Defence Systems and Technologies		E 24 CP																									
Ballistics 1 *)	NN (LA Hahlweg)							2	1	(3)	(4)	A															
Ballistics 2 *)	NN (LA Hahlweg)												2	1	(3)	(4)	A										
Failure Analysis and Maintenance	NN (LA Böllinghaus)		2	1	(3)	(4)	A																				
Improvised Explosive Devices Disposal	Niemeyer (LA Jäger)							2	1	(3)	(4)	A															
Material Handling and Warehouse Technology	Bruns (LA Ulrich)		2	1	(3)	(4)	A						2	1	(3)	(4)	A										
Electrochemical Power Sources for Mil. Appl.	Kreischer (LA Cremers)							2	1	(3)	(4)	A															
Corrosion and Corrosion Protection	Böllinghaus							2	1	(3)	(4)	A															
Protection Technologies I	Kreischer (LA Fischer)		2	1	(3)	(4)	A						2	1	(3)	(4)	A										
Protection Technologies II (Adelaide)	Kreischer (LA Fischer)							2	1	(3)	(4)	A															
Terramechanics and Off-Road Vehicle Engineering	Meywerk												2	1	(3)	(4)	A										
CBRN	Niemeyer (LA NN)							2	1	3			2	1	3	8	A										
Naval Shipbuilding	Meywerk (LA Ehrenberg)							2	1	3			2	1	3	8	A										
Systems Engineering for Land Vehicles	Meywerk (LA Scheibel)							2	1	3			2	1	3	8	A										
Ammunition and Weapon Technologies *)	Meywerk (LA Schmidt)							2	1	3			2	1	(3)	(8)	A										
Interdisciplinary Studies		E 9 CP	2		2	3	A	2		2	3	A	2		2	3	A										
International Law	Boysen					(3)																					
Transportation Law	Schuler-Harms (LA Suarez)																										
Public Procurement Law	Schuler-Harms (LA Budde)																										
EU Regulations in Information Technology	LA Suarez					(3)																					
Tactics and Strategies	Beckmann																										
Leadership and Psychology in Organizations	Felfe (LA Klug)																										
Artificial Intelligence and Robotics	Braun					(3)																					
Scientific Research Techniques and Publishing	Stierner (LA Storjohann)																										
Laboratory Project	Profs ET/MB	C																		9	PA						
Master Thesis	Profs ET/MB	C																									
Σ TWS			70		11			28		21			10													30	AA
Σ CP			120		15			19		31			25													30	