

M.Sc. Engineering Science: Defence Systems

Name		8/1 W					9/2 F					10/3 H					11/4 W					12/5 F										
		V	Ü	L	TWS	CP	Pr	V	Ü	L	TWS	CP	Pr	V	Ü	L	TWS	CP	Pr	V	Ü	L	TWS	CP	Pr	V	Ü	L	TWS	CP	Pr	
Numerical Mathematics	Bause	C	2	1	3	4	##	0					0					0					0					0				
Operating Systems & Secure Computer Networks		C			0			0					0					0					0	8	2			0				
Operating Systems	Klauer				0			0					2	2	4			0					0					0				
Secure Computer Networks	Klauer				0			0					0					2	2	4			0					0				
HPC Systems and HPC Applications		E			0			0					0					0					0	16				0				
Hardware Architecture of HPC Systems	Neumann				0			2	2	4	4	A	0					0					0					0				
HPC Techniques and Software Development	Neumann				0			0					2	2	(4)	(4)	A	0					0					0				
Parallel Computing for Multiscale and Multiphysics Problems	Neumann				0			0					0					2	1	(3)	(4)	A	0					0				
Special Applications of HPC in Defence Technology	Neumann				0			0					0					2	4	(3)	(4)	A	0					0				
Advanced Numerical Mathematics	Bause / Carraro				0			2	2	4	4	A	0					0					0					0				
Computational Fluid Dynamics	Breuer				0			2	1	(3)	(4)	A	0					0					0					0				
Computational Electromagnetics	Stiemer				0			0				A	2	2	(4)	(4)	A	0					0					0				
Computational Material Design		E			0			0					0					0					0	16				0				
Continuum Mechanics	Rauter		2	1	3	4	A	0					0					0					0					0				
Materials Modelling	Kramer		2	1	3	4	A	0					0					0					0					0				
Modelling Advanced Processing Technologies	Kramer				0			0					2	1	3	4	A	0					0					0				
Simulating High Strain Deformation	Kramer				0			2	1	3	(4)	A	0					0					0					0				
Computational Design of Surfaces and Interfaces	Kramer				0			0					0					2	1	3	4	A	0					0				
Statistical Thermodynamics	Meier				0			0					2	1	3	(4)	A	0					0					0				
Electro-Optics		E			0			0					0					0					0	16				0				
High-Power Electromagnetics and Laser Systems	Dickmann (LA Schaarschmidt/Jung)				0			0					0					2	1	3	4	A	0					0				
Advanced Technical Optics	Pronin				0			2	1	3	4	A	0					0					0					0				
Active Sonar	Fickenscher (LA Bonnett)				0			0					2	1	(3)	(4)	A	0					0					0				
Infrared Technologies and Applications	Pronin				0			0					0					2	1	(3)	(4)	A	0					0				
Laser Technology	Kip		2	1	3	4		0			A	0					0					0	0				0					
Pulsed Power and Applications	Stiemer (LA Schneider)		2	1	(3)	(4)	A	0					0					0					0					0				
Effector, Protection and Security Technologies					0			0					0					0					0					0				
Biomechanics of Military Related Effects	Niemeyer (LA Grobert/Peldschus)		2	1	3	4	A	0					0					0					0					0				
Protection for Constructions I	Jung		2	1	3	4	A	0					0					0					0					0				
Protection for Constructions II	Jung				0			2	1	3	4	A	0					0					0					0				
Design and Assessment of Protective Structures	Gündel				0			0					2	1	3	4	A	0					0					0				
Defence Systems and Technologies		E 24 CP			0			0					0	24				0					0					0				
Ballistics 1 *)	Jung (LA Hahlweg)				0			2	1	(3)	(4)	A	0					0					0					0				
Ballistics 2 *)	Jung (LA Hahlweg)				0			2	1	(3)	(4)	A	0					0					0					0				
Failure Analysis and Maintenance	NN (LA Böllinghaus)		2	1	(3)	(4)	A	0					0					0					0					0				
Improvised Explosive Devices Disposal	Niemeyer (LA Schulz/Schindelmeiser)				0			2	1	(3)	(4)	A	0					0					0					0				
Material Handling and Warehouse Technology	Bruns/Kirchheim (LA Ulrich)		2	1	(3)	(4)	A	0					0	0	0			0					0					0				
Electrochemical Power Sources for Mil. Appl.	Kreischer (LA Cremers)				0			2	1	(3)	(4)	A	0					0					0					0				
Corrosion and Corrosion Protection	Böllinghaus				0			2	1	(3)	(4)	A	0					0					0					0				
Protection Technologies I / Advanced Effector and Protective Systems FT 2. Trimester (Jung)	Jung (LA Bernd Fischer)		2	1	(3)	(4)	A	0					0	0	0			0					0					0				
Protection Technologies II (Adelaide)	Kreischer (LA Bernd Fischer)				0			2	1	(3)	(4)	A	0					0					0					0				
Terramechanics and Off-Road Vehicle Engineering	Meywerk				0			2	1	(3)	(4)	A	0					0					0					0				
CBRN	Niemeyer (LA NN)				0			2	1	3			2	1	3	8	A	0					0					0				
Naval Shipbuilding	Meywerk (LA Ehrenberg)				0			2	1	3			2	1	3	8	A	0					0					0				
Systems Engineering for Land Vehicles	Meywerk (LA Scheibel)				0			2	1	3			2	1	3	8	A	0					0					0				
Ammunition and Weapon Technologies *)	Meywerk (LA Schmidt)				0			2	1	3			2	1	(3)	(8)	A	0					0					0				
Fundamentals of Energetic Materials	Niemeyer/Jung (LA Krentel, LA Rozsypal)				0			2	1	(3)	(4)	A	0					0					0					0				
Aircraft Construction	Rauter (LA Markus Fischer)				0			2	1	(3)	(4)	A	0					0					0					0				
Computer-Aided Simulation in Ballistics	Kramer (LA Seidl, LA Wölbibing)				0			2	1	(3)	(4)	A	0					0					0					0				
Interdisciplinary Studies		E 9 CP	2		2	3	A	2		2	3	A	2		2	3	A	0					0					0				
International Law	Boysen (LA Brunner)				(3)																											
Transportation Law	Schuler-Harms (LA Suarez)				(3)						(3)																					
Public Procurement Law	Schuler-Harms (LA Budde)				(3)																		(3)									
EU Regulations in Information Technology	LA Suarez															(3)																
Tactics and Strategies	Beckmann															(3)																
Leadership and Psychology in Organizations	Felke (LA Neidlinger)															(3)																
Introduction to Academic Administrative Autonomy	Beckmann/Niemeyer				(3)						(3)					(3)																
Scientific Research Techniques and Publishing	Stiemer (LA Storjohann)				(3)						(3)												(3)									
Laboratory Project	Profs ET/MB	C																					9	PA								
Master Thesis	Profs ET/MB	C			0			0					0					0					0					0	30	AA		
Σ TWS			85					20					31					24					10					0				
Σ CP			136					27					19					35					25					30				
# of Examinations			300					60					60					60					60					60				
CP/TWS			1,14					0					0					0					0					0				