

B.Sc. Engineering Science

Name		E	1 H			2 W			3 F			4 H			5 W			6 F			7 H					
			V	ÜL	TWS	CP	Pr	V	ÜL	TWS	CP	Pr	V	ÜL	TWS	CP	Pr	V	ÜL	TWS	CP	Pr	V	ÜL	TWS	CP
Preliminary Online Mathematics Course		E			(6)	2																				
Calculus & Linear Algebra 1	Bause, NN	C	2	2	1	5	6	2																		
Calculus & Linear Algebra 2	Bause, NN	C						2	2	1	5		2	2	1	5	12	3								
Programming		C																								
Introduction to Computer Science	Glass		2			2		1,5																		
Programming in C	Pokahr					2	1		3		2															
Object Oriented Programming	Fay									1	2		3		2											
Electrical Engineering		C																								
Electric Circuits	Schenke		4	2		6		2																		
Electronic Systems	Göbel						3	1		4		2														
Electromagnetics		C																								
Electromagnetic Compatibility	Dickmann												2													
Electromagnetic Fields and Waves	Stierner												2	1	3		6									
Engineering Mechanics	Profs MB	C	2	2		4		2	2	2		4	2	2	2		4	15	2							
Materials Science		C																								
Chemistry	Niemeyer		3	1		4																				
Materials Technology	Klassen						3	1	1		5		3													
Thermal/Fluids Engineering		C																								
Thermodynamics	Meier																									
Fluid Mechanics	Breuer																									
Communication Systems																										
Digital Communication Systems	Zölzer																									
Optical Communications	Kip, Schäffer													2	1		3									
Introduction to Electro-Optics	Pronin																									
Sensor Systems																										
Sensor Signal Processing in Navigation	Scholl																									
Radar and Antennas	Fickenscher																									
Practical Training																										
Drives and Propulsion		C 2/3																								
Electrical Drives	Kreischer																									
Aerospace Propulsion	Dr. Neupert(Joos)																									
Combustion Engine Powered Drive Systems	Dr. Sturm (Thiemann)																									
Control Systems		C																								
Continuous Control	Horn																									
Discrete Control	Fay																									
Compulsory Elective Courses		E 12 CP																								
Vehicle Dynamics	Meywerk																									
Mechatronics/Multibody Simulation	Sachau																									
Design Methods	Mantwill																									
Quality and Knowledge Management	Wulfsberg																									
Heat Transfer	Meier																									
Production Engineering	Wulfsberg																									
Sensors and Actuators	Fay																									
Interdisciplinary Studies		E																								
Student's Project	Profs ET/MB	E																								
Bachelor Thesis	Profs ET/MB	C																								
Language Training 1	SPZ	C																								
Language Training 2	SPZ	C																								
Academic English and Skills	SPZ	C																								
Σ TWS			115			21			21			12		20			19			16			6			
Σ CP			180			6			23			46		26			23			26			30			
# of Examinations			34			4			4			4		3			7			6			6			

CP/TWS

1,27