

B.Sc. Engineering Science

Name		1 H			2 W			3 F			4 H			5 W			6 F			7 H		
		V	Ü	TWS	V	Ü	TWS	V	Ü	TWS	V	Ü	TWS	V	Ü	TWS	V	Ü	TWS	V	Ü	TWS
Preliminary Online Mathematics Course		E	0	(6)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Calculus & Linear Algebra 1	Carraro	C	2	2	1	5	6	2														
Calculus & Linear Algebra 2	Carraro	C	0	0	2	2	1	5	12	3	0	0	0	0	0	0	0	0	0	0	0	
Programming		C	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	
Introduction to Computer Science	Neumann		2	2	1,5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Programming in C	Pokahr		0	0	2	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
Object Oriented Programming	Fay		0	0	0	1	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	
Electrical Engineering		C	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Electric Circuits	Schenke		4	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Electronic Systems	Göbel		0	0	3	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
Electromagnetics		C	0	0	0	0	0	0	10	3	0	0	0	0	0	0	0	0	0	0	0	
Electromagnetic Compatibility	Dickmann		0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
Electromagnetic Fields and Waves	Stierner		0	0	0	0	0	2	1	3	6	0	0	0	0	0	0	0	0	0	0	
Engineering Mechanics	Profs MB	C	2	2	4	2	2	4	15	2	0	0	0	0	0	0	0	0	0	0	0	
Materials Science		C	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemistry	Niemeyer		3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Materials Technology	Klassen		0	0	3	1	1	5	3	0	0	0	0	0	0	0	0	0	0	0	0	
Thermal/Fluids Engineering		C	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	
Thermodynamics	Meier		0	0	0	0	0	0	0	3	2	5	2	0	0	0	0	0	0	0	0	
Fluid Mechanics	Breuer		0	0	0	0	0	0	0	0	0	0	3	2	5	2	0	0	0	0	0	
Communication Systems		C	0	0	0	0	0	0	8	3	0	0	0	0	0	0	0	0	0	0	0	
Digital Communication Systems	Zölzer		0	0	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	
Fundamentals of Photonics																						
Fundamentals of Photonics I	Pronin						2	1	3													
Fundamentals of Photonics II	Pronin		0	0	0	0	0	2	1	3	8	3	0	0	0	0	0	0	0	0	0	
Sensor Systems		C	0	0	0	0	0	0	0	8	3	0	0	0	0	0	0	0	0	0	0	
Sensor Signal Processing in Navigation	Scholl		0	0	0	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	
Radar and Antennas	Fickenscher		0	0	0	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	
Practical Training			0	0	0	0	0	0	0	0	0	0	0	3	3	3	LN	0	0	0	0	
Drives and Propulsion		C	2	3	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0	0	0	
Electrical Drives	Kreischer		0	0	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	0	
Aerospace Propulsion	Dr. Neupert(Schatz)		0	0	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	0	
Combustion Engine Powered Drive Systems	Dr. Sturm (Thiemann)		0	0	0	0	0	0	0	0	0	0	0	2	1	(3)	0	0	0	0	0	
Control Systems		C	0	0	0	0	0	0	8	3	0	0	0	0	0	0	0	0	0	0	0	
Continuous Control	Horn		0	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	
Discrete Control	Niggemann		0	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	
Compulsory Elective Courses		E	12	CP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vehicle Dynamics	Meywerk		0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	4	A	
Mechatronics/Multibody Simulation	Sachau		0	0	0	0	0	0	0	2	1	(3)	(4)	A	0	0	0	0	0	0	0	
Design Methods	Mantwill		0	0	0	0	0	0	0	0	0	0	2	1	3	4	A	0	0	0	0	
Quality and Knowledge Management	Wulfsberg		0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	4	A	
Heat Transfer	Meier		0	0	0	0	0	0	0	0	0	0	2	1	(3)	(4)	A	0	0	0	0	
Production Engineering	Wulfsberg		0	0	0	0	0	0	0	0	0	0	0	2	1	(3)	(4)	A	0	0	0	
Sensors and Actuators	Niggemann		0	0	0	0	0	0	0	2	1	(3)	(4)	A	0	0	0	0	0	0	0	
Interdisciplinary Studies	(Ref. MA ESDS)	E	0	0	0	0	0	0	0	2	2	3	A	2	2	3	A	0	0	0	0	
Student's Project	Profs ET/MB	E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	PA	
Bachelor Thesis	Profs ET/MB	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	AA	
Language Training 1	SPZ	C	4	4	4	8	LN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Language Training 2	SPZ	C	0	0	0	0	0	2	2	2	2	2	2	4	LN	0	0	0	0	0	0	
Academic English and Skills	SPZ	C	0	0	0	0	0	2	2	2	2	2	4	PA	0	0	0	0	0	0	0	
Σ TWS			139		25		25		19		24		17		23		6		6			
Σ CP			184		6		23		46		34		11		38		26		26			
# of Examinations			34		4		4		4		4		5		8		5		5			

CP/TWS

1,08