

Modules	Credit Points	Courses	Req./ Ele.	Sem. 1 CP	Sem. 2 CP	Sem. 3 CP	Sem. 4 CP
A Space Technology	min. 27						
Fundamentals of Space Technology	9	Fundamentals of Space Technology (1)	Req.	6			
		Fundamentals of Space Technology (2)			3		
Satellite Technology	6	Satellite Technology	Req.	6			
Space Electronics	6-9	Space Electronics (1)	Req.	3			
		Space Electronics (2)			3		
		Radiation Workshop	Ele.		3		
Spacecraft Dynamics and Control	9	Spacecraft Dynamics and Control (1)	Ele.	3			
		Spacecraft Dynamics and Control (2)			6		
Spacecraft Propulsion Systems	6	Spacecraft Propulsion Systems	Ele.			6	
Space Sensors and Instruments	6	Space Sensors and Instruments	Ele.		6		
B Space System Design	min. 15						
Space System Design Project	9	Space System Design Project	Req.		9		
Space Technology Project	9	Space Technology Project	Ele.			9	
Planetary Exploration and Space Robotics	6-12	Planetary Exploration and Space Robotics 1	Ele.		6		
		Planetary Exploration and Space Robotics 2	Ele.	6		6	
C Space Operations	min. 12						
Space Mission Planning and Operations	6	Space Mission Planning and Operations	Req.	6			
Human Spaceflight	6	Technical Aspects of Human Spaceflight	Ele.		3		
		Space Psychology			3		3
Space Flight Mechanics	6	Space Flight Mechanics	Ele.			6	
Satellite Geodesy	6-9	Introduction to Satellite Geodesy	Ele.	3			
		Satellite Geodesy (main course)	Ele.		6		
D Interdisciplinary	min. 6						
Project Management	6	Project Management	Ele.	6		6	
Innovation Management and Entrepreneurship	6	Innovation Management and Entrepreneurship	Ele.	6		6	
Soft Skills	3	Soft Skills	Ele.	3		3	
German for Engineers	3 -9	German for Engineers	Ele.	3	3	3	
Total (modules only)	90			54	48	48	0
Master thesis	30						30
Total	120			54	48	48	30

CP Credit Points
Req. Required course
Ele. Elective course
SPW Semester periods per week
Sem. Semester
min. minimum

The study programme can be also completed on a part-time basis.