

Curriculum

1st semester	ECTS	30
Adv. Math., Statistics and Optimisation ¹⁾	6	
CAD for Aerospace Projects	5	
Adv. Finite Element Computation ¹⁾	7	
Aerospace Project Management and System Engineering	2	
Quality Management in Aeronautics	2	
Aerospace Players and Trends 1	2	
Physics of Flight	3	
Computational Fluid Dynamics	3	

2nd semester	ECTS	30
Aerothermodynamics 1	3	
Satellite Technologies	3	
Aircraft Design ¹⁾	7	
Aircraft Systems and Technologies	4	
Autonomy and Unmanned Aerial Vehicles	3	
Space Propulsion	3	
Junior Team Project	3	
Lightweight Construction	3	
Composites Manufacturing Processes 1	1	

3rd semester	ECTS	30
Aerothermodynamics 2	3	
Air-breathing Propulsion	3	
Senior Team Project	5	
Space Applications (Telecom/Nav/RS)	3	
Space Mission Analysis and Design ¹⁾	7	
Dynamics of Flight and Flight Control	3	
Spacecraft Environment and Interactions	3	
Aerospace Materials and Processes	2	
Aerospace Players and Trends 2	1	

4th semester	ECTS	30
Master's Thesis / Seminar	3	
Master's Thesis		27