

Curriculum

ECTS

1. SEMESTER	30
Adv. Math., Statistics and Optimization	6
CAD for Aerospace Projects	5
Adv. Finite Element Computation	7
Aerospace Project Management and System Engineering	3
Quality Management in Aeronautics	3
Aerospace Players and Trends	3
Physics of Flight	3

2. SEMESTER	30
Aircraft Design	7
Air-Breathing Propulsion	3
Aircraft Systems and Technologies	4
Dynamics of Flight and Flight Control	3
Lightweight Construction	4
Aerospace Materials and Processes	3
Autonomy and Unmanned Aerial Vehicles	3
Junior Team Project	3

3. SEMESTER	30
Space Mission Analysis and Design	7
Space Propulsion	3
Satellite Technologies	3
Space Applications (Telecom/Nav/RS)	3
Spacecraft Environment and Interactions	3
Aerothermodynamics	6
Senior Team Project	5

4. SEMESTER	30
Master Thesis / Seminar	3
Master Thesis	27

