

Curriculum Aviatik (Vollzeit)

Gültig ab Studienstart Herbstsemester 2020/2021 / 02.06.2022

| Semester | Kontextmodule | | Projektmodule | | Fachmodule | | | | | Mathematisch-Naturwissenschaftliche Module | | | | | | |
|-------------|---|--|--|--|--|-------------------------|--|------------------------------|--|--|--|---------------------------------------|--|--|---|---------------------|
| 6. Semester | Wahlpflichtmodul Kontext 2 | | Bachelor Thesis: Aviation DE/EN 12 | | Schwerpunktmodul 2 4 | Schwerpunktmodul 4 4 | Schwerpunktmodul 6 4 | Wahlpflichtmodul Fach 8 4 | | | | | | | | |
| 5. Semester | Wahlpflichtmodul Kontext 2 | | Wahlpflichtmodul Kontext 2 | | Project Thesis: Aviation DE/EN 6 | | Schwerpunktmodul 1 4 | Schwerpunktmodul 3 4 | Schwerpunktmodul 5 4 | Wahlpflichtmodul Fach 7 4 | | Wahlpflichtmodul SG-übergreifend 4 | | | | |
| 4. Semester | Intercultural Communication and Management EN 2 | | Aviation Projects 4 DE 4 | | Aircraft Systems-Propulsion Systems and Performance EN 4 | | Aircraft Systems-Electrotechnics and Electrical Systems EN 4 | | Aviation Systems Engineering EN 4 | | Infrastructure - Aerodromes DE 4 | | Materials Technology for Aviation DE 4 | | Numerik DE 4 | |
| 3. Semester | Communication Competence 3 DE/EN 2 | | Aviation Projects 3 DE 4 | | Aircraft Systems-Structure and Mechanical Systems EN 4 | | Human Factors EN 4 | | Safety Risk Management – Quality Management DE 4 | | Infrastructure - Airspace and Air Navigation Services DE 4 | | Stochastik und Statistik DE 4 | | Physics 3: Atmospheric Physics and Applied Meteorology EN 4 | |
| 2. Semester | Communication Competence 2 DE/EN 2 | | Aviation Projects 2 DE 4 | | Principles of Flight EN 4 | | Business Administration EN 4 | | Informatik Tools DE 2 | | CAD for Aviation DE 2 | | Analysis 2 DE 4 | | Lineare Algebra 2 DE 4 | Physik 2 DE 4 |
| 1. Semester | Communication Competence 1 DE/EN 2 | | Aviation Projects 1 DE 4 | | Aviation Basics DE 4 | | Aviation Law DE 4 | | Informatik Programmieren 1 DE 4 | | Analysis 1 DE 4 | | Lineare Algebra 1 DE 4 | | Physik 1 DE 4 | |

Bezeichnung
Unterrichtssprache
Credits

Schwerpunkte Aviatik

Im dritten Studienjahr wählen Sie einen aus den folgenden drei Schwerpunkten aus:

| Technical Engineering | | | |
|-----------------------|--|--|--|
| 6. Semester | Aircraft Systems– Flight Propulsion EN | Aircraft Systems– Structural Testing and Repairs DE | Flight Mechanics and Simulation EN |
| 5. Semester | Aircraft Systems– Control Systems EN | Advanced Mechanics EN | Systems Reliability, Availability, Maintainability and Safety EN |

| Operational Engineering | | | |
|-------------------------|------------------------------|-------------------------------------|--|
| 6. Semester | Aviation Management EN | Traffic Systems Operations DE | Infrastructure - Integration DE |
| 5. Semester | Flight Operations EN | Human Factors Engineering DE | Systems Reliability, Availability, Maintainability and Safety EN |

| Airline Transport Pilot <small>(bestandene Eignungsprüfung als Verkehrspilot/in voraus- gesetzt)</small> | | | |
|--|---|---|---|
| 6. Semester | Airline Transport Pilot Preparation 3 DE | Airline Transport Pilot Preparation 4 DE | Airline Transport Pilot Preparation 5 DE |
| 5. Semester | Flight Operations EN | Airline Transport Pilot Preparation 1 DE | Airline Transport Pilot Preparation 2 DE |