

Program structure Aircraft and Flight Engineering (B.Sc.)

- Start of studies: WiSe 2018-19 or later -

6	Studies at the partner university					
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4	Design and Construction - Methods and Transmission Principles	Technical Mechanics, Part 4	Control Engineering	Hydraulic and Electric Drives	Flight Test Methodes and Principles	Aerodynamics
3	Design and Construction - Drive Train	Technical Mechanics, Part 3	Electrical Engineering and Metrology and Measurement Engineering	Fluid Mechanics	Thermodynamics	Electives
2	Design and Construction - Bearings and Joining Techniques	Strength of Materials	Physics Fundamentals	Fundamentals of Production Technology	Mathematics for Mechanical Engineers	Orientation and Methods
1	Design and Construction - Engineering Drawing and CAD	Statics	Informatics for Mechanical Engineering	Introduction Materials Science and Engineering	Fundamentals of Applied Mathematics	

Electives language	Study abroad	Flight training
<ul style="list-style-type: none"> - Basic English - Basic Technical Communication - Advanced Technical Communication - Other language modules with learning agreement 	<p>Modules of 60 credit points are to be completed at a partner university of the Osnabrück University of Applied Sciences abroad. Further details can be found in the study regulations.</p>	<p>Parallel to the studies, a modular flight training takes place at a cooperating flight school.</p>
<p>All modules are offered in the German language (Exception: language modules).</p>		