

Model Study Plan for „Avionics, Guidance, Navigation and Control “:

Semester	Module						Credits
1.	Flight Propulsion 1 and Gas Turbines [MW0510]	Aerodynamics of Aircraft 1 [MW0007]	Flight Control 1 [MW0827]	Flight System Dynamics 1 [MW0832]	Satellite Navigation [EI0432]	Safety and Certification of Avionics and Flight Control Systems [MW2282]	30
2.	Aerospace structures [MW0063]	Flight Control 2 [MW0838]	Safety and Certification of Aircraft [MW2282]	Flight System Dynamics 2 [MW0833]	Flight Guidance Lab [MW0275] MATLAB/ Simulink for CAE [MW2313]	Practical Course Flight Control [MW2084] Components of Flight Control Systems [LRG1000]	31
3.	Aircraft Design [MW0047]	Flight Guidance 1 [MW2237]	MATLAB / Simulink for CAE [MW2278]	Navigation and Data fusion [MW3082]	KC*	Research Internship	29
4.	Master's Thesis with Workshop						30

Explanations:

*KC: Key Competences

Master Module	Practical Course	Supplementary Course
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