Course of Study Aircraft Systems Engineering (Study Cohort w21)

Legend:

Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

Sample course plan D Master Aircraft Systems Engineering (FSTMS)

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	**Aircraft Energy Systems**			**Flight Physics (part 2)**			**System Development Projekt**			**Master Thesis**		
2	Aircraft Energy Systems	VL	3	Flight Mechanics II	VL	2	Systems Engineering Development Project I+II	PBL	12			
3	Aircraft Energy Systems	HÜ	2	Flight Mechanics II	HÜ	1						
4				**Flight Control Systems**								
5				Flight Control Systems	VL	3						
6				Flight Control Systems	HÜ	2						
7	**Flight Physics (part 1)**											
8	Aerodynamics and Flight Mechanics I	VL	3									
9												
10	**Aircraft Design I (Civil Aircraft Design)**			**Systems Engineering**								
11	Aircraft Design I	VL	3	Systems Engineering	VL	3						
12	Aircraft Design I	HÜ	2	Systems Engineering	HÜ	1						
13							**Finite Elements Methods**					
14							Finite Element Methods	VL	2			
15							Finite Element Methods	HÜ	2			
16	**Aircraft Cabin Systems**			**Cabin Systems Engineering (part 2)**								
17	Aircraft Cabin Systems	VL	3	Model-Based Systems Engineering with SysML/UML	PBL	3						
18	Aircraft Cabin Systems	HÜ	1									
19				**Selected Topics of Aeronautical Systems Engineering (Alternative B: 12 LP) (part 2)**								
20				Selection from a catalog								
21												
22	**Cabin Systems Engineering (part 1)**											
23	Computer and communication technology in cabin electronics and avionics	VL	2									
24	Computer and communication technology in cabin electronics and avionics	GÜ	1									
25	**Selected Topics of Aeronautical Systems Engineering (Alternative B: 12 LP) (part 1)**			**Aircraft Design II (Special Air Vehicle Design)**								
26	Selection from a catalog			Aircraft Design II	VL	3						
27				Aircraft Design II	HÜ	2						
28												
29												
30												
	Business & Management (from catalogue) - 6LP											
	Non-technical Courses for Master (from catalogue) - 6LP											

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.