

Course of Study Aircraft Systems Engineering (Study Cohort w22)

Legend:
 Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Thesis Compulsory
 Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Interdisciplinary complement

Sample course plan D Master Aircraft Systems Engineering (FSTMS) Dual study program				Semester 3		Semester 4	
Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk
1	Aircraft Energy Systems			Flight Physics (part 2)		System Development Projekt	
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							
5				Flight Control Systems			
6				Flight Control Systems VL 3			
7				Flight Control Systems HÜ 2			
8	Flight Physics (part 1)						
9	Aerodynamics and Flight Mechanics I VL 3						
10				Systems Engineering			
11	Aircraft Design I (Civil Aircraft Design)			Systems Engineering VL 3			
12	Aircraft Design I VL 3			Systems Engineering HÜ 1			
13	Aircraft Design I HÜ 2						
14							
15							
16	Aircraft Cabin Systems			Practical module 2 (dual study program, Master's degree)			
17	Aircraft Cabin Systems VL 3			Practical term 2 0			
18	Aircraft Cabin Systems HÜ 1						
19							
20							
21							
22	Practical module 1 (dual study program, Master's degree)						
23	Practical term 1 0						
24							
25							
26							
27				Cabin Systems Engineering (part 2)			
28				Model-Based Systems Engineering with SysML/UML PBL 3			
29							
30				Selected Topics of Aeronautical Systems Engineering (Alternative B: 12 LP) (part 2)			
31				Selection from a catalog			
32							
33	Cabin Systems Engineering (part 1)						
34	Computer and communication technology in cabin electronics and avionics VL 2						
35	Computer and communication technology in cabin electronics and avionics GÜ 1						
36				Aircraft Design II (Special Air Vehicle Design)			
37	Selected Topics of Aeronautical Systems Engineering (Alternative B: 12 LP) (part 1)			Aircraft Design II VL 3			
38	Selection from a catalog			Aircraft Design II HÜ 2			
39							
40							
Business & Management (from catalogue) - 6LP							
Linking theory and practice (dual study program, Master's degree) (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.

