

Course of Study Aircraft Systems Engineering (Study Cohort w22)

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

Sample course plan B Master Aircraft Systems Engineering (FSIMS) Dual study program				Semester 3		Semester 4	
Week	Course	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk
1	Aircraft Energy Systems			System Development Projekt		Master thesis (dual study program)	
2	Aircraft Energy Systems VL 3			Systems Engineering Development Project I+II PBL 12			
3	Aircraft Energy Systems HU 2						
4							
5							
6							
7	Flight Physics (part 1)						
8	Aerodynamics and Flight Mechanics I VL 3						
9							
10	Aircraft Design I (Civil Aircraft Design)						
11	Aircraft Design I VL 3						
12	Aircraft Design I HU 2						
13							
14				Practical module 3 (dual study program, Master's degree)			
15				Practical term 3 0			
16	Aircraft Cabin Systems						
17	Aircraft Cabin Systems VL 3						
18	Aircraft Cabin Systems HU 1						
19							
20							
21							
22	Practical module 1 (dual study program, Master's degree)						
23	Practical term 1 0						
24				Computer Architecture			
25				Computer Architecture VL 2			
26				Computer Architecture PBL 2			
27				Computer Architecture GÜ 1			
28							
29				Selected Topics of Aeronautical Systems Engineering (Alternative A: 6 LP) (part 2)			
30				Selection from a catalog			
31				Embedded Systems			
32	Selected Topics of Aeronautical Systems Engineering (Alternative A: 6 LP) (part 1)			Embedded Systems VL 3			
33	Selection from a catalog			Embedded Systems GÜ 1			
34				Embedded Systems PBL 1			
35				Communication Networks			
36				Communication Networks VL 2			
37				Communication Networks Exercise PBL 1			
38				Selected Topics of Communication Networks PBL 2			
39							
40				Avionics for safety-critical Systems			
				Avionics of Safty Critical Systems VL 2			
				Avionics of Safty Critical Systems GÜ 1			
				Avionics of Safty Critical Systems PR 1			
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.

