

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)				Semester 2				Semester 3				Semester 4			
Week	Course	Form	Hrs/wk	Course	Form	Hrs/wk	Course	Form	Hrs/wk	Course	Form	Hrs/wk	Course	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							Computer Architecture								
14							Computer Architecture	VL	2						
15							Computer Architecture	PBL	2						
16	Aircraft Cabin Systems			Selected Topics of Aeronautical Systems Engineering (Alternative A: 6 LP) (part 2)			Computer Architecture	GÜ	1						
17	Aircraft Cabin Systems	VL	3	Selection from a catalog											
18	Aircraft Cabin Systems	HÜ	1												
19				Embedded Systems			Communication Networks								
20				Embedded Systems	VL	3	Communication Networks	VL	2						
21				Embedded Systems	GÜ	1	Communication Networks Exercise	PBL	1						
22	Selected Topics of Aeronautical Systems Engineering (Alternative A: 6 LP) (part 1)			Embedded Systems	PBL	1	Selected Topics of Communication Networks	PBL	2						
23	Selection from a catalog														
24															
25							Avionics for safety-critical Systems								
26							Avionics of Safty Critical Systems	VL	2						
27							Avionics of Safty Critical Systems	GÜ	1						
28							Avionics of Safty Critical Systems	PR	1						
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.

