

Course of Study Aircraft Systems Engineering (Study Cohort w21)

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			
Wk	Course	Form	Hrs/wk	Wk	Course	Form	Hrs/wk	Wk	Course	Form	Hrs/wk	Wk	Course	Form	Hrs/wk
1	Aircraft Energy Systems			1	Flight Physics (part 2)			1	System Development Projekt			1	Master Thesis		
2	Aircraft Energy Systems	VL	3	2	Flight Mechanics II	VL	2	2	Systems Engineering Development Project I+II	PBL	12				
3	Aircraft Energy Systems	HÜ	2	3	Flight Mechanics II	HÜ	1								
4				4	Flight Control Systems										
5				5	Flight Control Systems	VL	3								
6				6	Flight Control Systems	HÜ	2								
7	Flight Physics (part 1)			7											
8	Aerodynamics and Flight Mechanics I	VL	3	8											
9				9											
10	Aircraft Design I (Civil Aircraft Design)			10	Systems Engineering										
11	Aircraft Design I	VL	3	11	Systems Engineering	VL	3								
12	Aircraft Design I	HÜ	2	12	Systems Engineering	HÜ	1								
13				13											
14				14					Computer Architecture						
15				15					Computer Architecture	VL	2				
16	Aircraft Cabin Systems			16	Selected Topics of Aeronautical Systems Engineering (Alternative A: 6 LP) (part 2)				Computer Architecture	PBL	2				
17	Aircraft Cabin Systems	VL	3	17	Selection from a catalog				Computer Architecture	GÜ	1				
18	Aircraft Cabin Systems	HÜ	1	18											
19				19	Embedded Systems										
20				20	Embedded Systems	VL	3		Communication Networks						
21				21	Embedded Systems	GÜ	1		Communication Networks	VL	2				
22	Selected Topics of Aeronautical Systems Engineering (Alternative A: 6 LP) (part 1)			22					Communication Networks Exercise	PBL	1				
23	Selection from a catalog			23					Selected Topics of Communication Networks	PBL	2				
24				24											
25				25					Avionics for safety-critical Systems						
26				26					Avionics of Safty Critical Systems	VL	2				
27				27					Avionics of Safty Critical Systems	GÜ	1				
28				28					Avionics of Safty Critical Systems	PR	1				
29				29											
30				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.

