

Course of Study Aircraft Systems Engineering (Study Cohort w22)

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

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

