

Course of Study Aircraft Systems Engineering (Study Cohort w19)

Sample course plan B Master Aircraft Systems Engineering (FSTMS)

Specialisation Avionic Systems		Semester 2		Semester 3		Semester 4				
	Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk		
1	Aircraft Systems I		Flight Physics (part 2)		System Development Projekt		Master Thesis			
2	Aircraft Systems I	VL 3	Flight Mechanics II	VL 2	Systems Engineering Development Project I+II	PBL 12				
3	Aircraft Systems I	HÜ 2	Flight Mechanics II	HÜ 1						
4			Aircraft Design (part 2)							
5			Aircraft Design II	VL 2						
6			Aircraft Design II	HÜ 1						
7	Flight Physics (part 1)		Aircraft Systems II							
8	Aerodynamics and Flight Mechanics I	VL 3	Aircraft Systems II	VL 3						
9			Aircraft Systems II	HÜ 2						
10			Aircraft Design (part 1)							
11			Aircraft Design I	VL 2						
12	Aircraft Design I	HÜ 1								
13	Aircraft Cabin Systems				Systems Engineering				Aircraft Systems Engineering (part 2)	
14	Aircraft Cabin Systems	VL 3			Systems Engineering	VL 3			Selection from a catalog	
15	Aircraft Cabin Systems	HÜ 1			Systems Engineering	HÜ 1				
16					Embedded Systems					
17					Computer Architecture					
18			Computer Architecture	VL 2	Computer Architecture	PBL 2				
19	Avionics for safety-critical Systems		Embedded Systems		Computer Architecture	GÜ 1				
20	Avionics of Safty Critical Systems	VL 2	Embedded Systems	VL 3						
21	Avionics of Safty Critical Systems	GÜ 1	Embedded Systems	GÜ 1						
22	Avionics of Safty Critical Systems	PR 1								
23									Advanced Topics in Control	
24									Advanced Topics in Control	VL 2
25			Advanced Topics in Control	GÜ 2						
26			Aircraft Systems Engineering (part 1)							
27			Selection from a catalog							
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.

