

Course of Study Product Development, Materials and Production (Study Cohort w19)

Legend:

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

Sample course plan P Master Product Development, Materials and Production (PEPMS)

Specialisation Product Development				Semester 2				Semester 3				Semester 4							
Year	Form	Hrs/wk		Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk						
1	Vibration Theory			Practical Course Product Development, Materials and Production				Research Project Product Development, Materials and Production				Master Thesis							
2		IV	4	Practical Course Product Development, Materials and Production				PR								6			
3																			
4																			
5																			
6																			
7	Finite Elements Methods			Systems Engineering															
8		VL	2	Systems Engineering				VL				3							
9		HÜ	2	Systems Engineering				HÜ				1							
10																			
11																			
12																			
13	Methods of Integrated Product Development			High-Order FEM				Selected Topics of Product Development, Materials Science and Production (Alternative A: 12 LP) (part 2)											
14		VL	3	High-Order FEM				VL				3							
15		PBL	2	High-Order FEM				HÜ				1							
16																			
17																			
18																			
19	Fluidics			Selected Topics of Product Development, Materials Science and Production (Alternative A: 12 LP) (part 1)				Aircraft Cabin Systems											
20		VL	2	Selection from a catalog				Aircraft Cabin Systems				VL				3			
21		HÜ	1					Aircraft Cabin Systems				HÜ				1			
22		PBL	1																
23																			
24																			
25	Thermal Engineering																		
26		VL	3																
27		HÜ	1																
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.

