Course of Study Product Development, Materials and Production (Study Cohort w16)

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

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

Specialisation Product Development								Core qualification Elective Compulsory	Specialisation El Compulsory	ecialisation Elective mpulsory Focus Elective Compulsor		Interdisciplinary complement
LP	Semester 1	Form H	rs/w	kSemester 2	Form	Hrs/w	vkSemester 3		Form Hrs/w	kSemest	er 4	Form Hrs/wk
1 2 3 4 5 6	Vibration Theory Vibration Theory	VL	4	Practical Course Product Development, Mand Production Practical Course Product Development, Materials and Production	Materia l FL		Research Project and Production	t Product Development	t, Materials	Master	Thesis	
7	Finite Elements Methods			Systems Engineering								
8	Finite Element Methods	VL	2	Systems Engineering	VL	3						
9	Finite Element Methods	ΗÜ	2	Systems Engineering	ΗÜ	1						
11												
12												
13	Methods of Integrated Product Developm	ent		High-Order FEM			Aircraft Cabin Sy	ystems				
14	Integrated Product Development II	VL	3	High-Order FEM	VL	3	Aircraft Cabin Sys	tems	VL 3			
15 16	Integrated Product Development II	PBL	2	High-Order FEM	ΗÜ	1	Aircraft Cabin Sys	tems	HÜ 1			
17												
18												
19	Fluidics			Selected Topics of Product Development	t, Mater	ials						
20	Fluidics	VL	2	Science and Production (Alternative A: 1	2 LP)							
21 22	Fluidics	ΗÜ	1	Selection from a catalog								
23	Fluidics	PBL	1									
24												
25	Thermal Engineering											
26	Thermal Engineering	VL	3									
27 28	Thermal Engineering		1									
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Business & Management (from catalogue) - 6LP

Nontechnical Elective Complementary 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.