Course of Study Mechanical Engineering and Management (Study Cohort w22)

Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory

Interdisciplinary complement

Sample course plan B Master Mechanical Engineering and Management (IMPMEM) Dual study program

- 61					
1	Robotics		Structure and properties of fibre-polymer-composites	Research Project IMPMEM	Master thesis (dual study program)
2	Robotics: Modelling and Control IV	4	Structure and properties of fibre-polymer-composites VL 2		
3	Robotics: Modelling and Control PBL	2	Structure and properties of fibre-polymer-composites HÜ 1		
4			Structure and properties of fibre-polymer-composites PBL 2		
5					
6					
7	Computer Aided Design and Computation		Practical module 2 (dual study program, Master's degree)		
8	Computer Aided Design and Computation VL	2	Practical term 2 0		
	Computer Aided Design and Computation GÜ	2			
9					
10					
11					
12					
13	Practical module 1 (dual study program, Master's degree)			Practical module 3 (dual study program, Master's degree)	
	Practical lerm 1	0		Practical induce 5 (dual study program, master 5 degree) Practical term 3 0	
14					
15					
16					
17			Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP)		
18			(part 2)		
19			Selection from a catalog		
20			Nonlinear Dynamics		
21			Nonlinear Dynamics IV 4		
22					
23	Marketing and Communication			Industrial Process Automation	
24	Business-to-Business Marketing VL	2		Industrial Process Automation VL 2	
25	Intercultural Management and Communication VL	2		Industrial Process Automation GÜ 2	
	Case Studies of Marketing and Communication GÜ	2			
26			Mechanical Properties		
27			Mechanical Behaviour of Brittle Materials VL 2 Dislocation Theory of Plasticity VL 2		
28					
29	Selected Topics of Mechanical Engineering and Management (Alternative B:	6 CP)			
30	(part 1)				
31	Selection from a catalog				
32	Vibration Theory		Processing of fibre-polymer-composites		
33	Vibration Theory IV	4	From Molecule to Composites Part PBL 2 Processing of fibre-polymer-composites VL 2		
34			VL 2		
35					
36					
37				1	
38	Advanced Functional Materials				
39	Advanced Functional Materials SE	2			
40					
41					
			Puriners & Management (from catalegue) - 61 P		
		Business & Management (from catalogue) - 6LP			
	Linking theory and practice (dual study program, Master's degree) (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.