## 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 Specialisation Management, Specialisation Product Engineering

- Li		5	3		
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 P	PBL 2	Structure and properties of fibre-polymer-composites HÜ 1		
			Structure and properties of fibre-polymer-composites PBL 2		
4					
5					
6					
7					
	Computer Aided Design and Computation Computer Aided Design and Computation	VL 2	Practical module 2 (dual study program, Master's degree) Practical term 2 0		
8		VL 2 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)	
14	Practical term 1	0		Practical term 3 0	
15					
16					
17			Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP)		
18			(part 2) Selection from a catalog		
19			Selection from a catalog		
20			International Production Management and Enterprise Resource Planning:		
			CERMEDES AG		
21			International Production Management and Enterprise Resource Planning: SE 4		
22			CERMEDES AG		
23	Marketing and Communication			Advanced Topics in Management, Organization, and Human Resource	
24		VL 2		Management	
		VL 2		Advanced Topics in Management, Organization, and Human Resource VL 2	
25	Case Studies of Marketing and Communication C	GÜ 2		Advanced Topics in Management, Organization, and Human Resource SE 2	
26			Applied Design Methodology in Mechatronics	Management	
27			Applied Design Methodology in Mechatronics VL 2		
28			Applied Design Methodology in Mechatronics PBL 3		
29	Selected Topics of Mechanical Engineering and Management (Alternat			Applied Statistics	
	(part 1)	IVE B: 6 CP)		Applied Statistics VL 2	
30	Selection from a catalog			Applied Statistics GÜ 1	
31				Applied Statistics PBL 2	
32			AdditiveProduction		
33			Additive Production VL 2		
34			Additive Production SE 2		
35				3D Printing Laboratory	
36				3D Printing Laboratory PR 3	
37	1				
38					
39					
40					
	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.