

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

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

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

Specialisation Management, Specialisation Mechatronics							
1	<b>Robotics</b>			<b>Structure and properties of fibre-polymer-composites</b>		<b>Research Project IMPMEM</b>	<b>Master Thesis</b>
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	<b>Computer Aided Design and Computation</b>			<b>Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 2)</b>			
8	Computer Aided Design and Computation	VL	2	Selection from a catalog			
9	Computer Aided Design and Computation	GÜ	2				
10				<b>International Production Management and Enterprise Resource Planning: CERMEDES AG</b>			
11				International Production Management and Enterprise Resource Planning: CERMEDES AG	SE 4		
12							
13	<b>Marketing and Communication</b>			<b>Nonlinear Dynamics</b>		<b>Advanced Topics in Management, Organization, and Human Resource Management</b>	
14	Business-to-Business Marketing	VL	2	Nonlinear Dynamics	IV 4	Advanced Topics in Management, Organization, and Human Resource Management	
15	Intercultural Management and Communication	VL	2			Advanced Topics in Management, Organization, and Human Resource Management	
16	Case Studies of Marketing and Communication	GÜ	2			Advanced Topics in Management, Organization, and Human Resource Management	
17						Applied Statistics	
18						Applied Statistics	
19	<b>Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 1)</b>					Applied Statistics	
20	Selection from a catalog					Industrial Process Automation	
21						Industrial Process Automation	
22	<b>Vibration Theory</b>						
23	Vibration Theory	IV	4				
24							
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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.

