

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

Sample course plan A 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 A: 12 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								
11								
12								
13	<b>Selected Topics of Mechanical Engineering and Management (Alternative A: 12 CP) (part 1)</b>			<b>Technology Entrepreneurship</b>		<b>Entrepreneurial Finance</b>		
14	Selection from a catalog			Entrepreneurship	VL 2	Entrepreneurial Finance: Lecture		VL 2
15				Creation of Business Opportunities	PBL 3	Entrepreneurial Finance: Case Studies		SE 3
16								
17								
18								
19	<b>Technology Management</b>			<b>Nonlinear Dynamics</b>		<b>Digital Signal Processing and Digital Filters</b>		
20	Technology Management	VL	3	Nonlinear Dynamics	IV 4	Digital Signal Processing and Digital Filters		VL 3
21	Technology Management Seminar	PBL	2			Digital Signal Processing and Digital Filters		HÜ 2
22								
23								
24								
25						<b>Control Systems Theory and Design</b>		
26						Control Systems Theory and Design		VL 2
27						Control Systems Theory and Design		GÜ 2
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.

