

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 Materials			
1	Robotics		Structure and properties of fibre-polymer-composites
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		Selected Topics of Mechanical Engineering and Management (Alternative A: 12 CP)
8	Computer Aided Design and Computation	VL 2	(part 2)
9	Computer Aided Design and Computation	GÜ 2	Selection from a catalog
10			
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12			
13	Selected Topics of Mechanical Engineering and Management (Alternative A: 12 CP)		Technology Entrepreneurship
14	(part 1)		Entrepreneurship VL 2
15	Selection from a catalog		Creation of Business Opportunities PBL 3
16			Entrepreneurial Finance
17			Entrepreneurial Finance: Lecture VL 2
18			Entrepreneurial Finance: Case Studies SE 3
19	Technology Management		Interfaces and interface-dominated Materials (part 1)
20	Technology Management	VL 3	Interfaces VL 2
21	Technology Management Seminar	PBL 2	
22			Processing of fibre-polymer-composites
23			From Molecule to Composites Part PBL 2
24			Processing of fibre-polymer-composites VL 2
25	Advanced Functional Materials		
26	Advanced Functional Materials	SE 2	
27			
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.

