

Course of Study Mechanical Engineering and Management (Study Cohort w19)

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

Specialisation Product Development and Production				Specialisation Materials				Semester 3				Semester 4			
		Form	Hrs/wk			Form	Hrs/wk			Form	Hrs/wk				
1	Robotics			Fibre-polymer-composites				Research Project IMPMEM				Master Thesis			
2	Robotics: Modelling and Control	VL	3	Design with fibre-polymer-composites	VL	2									
3	Robotics: Modelling and Control	GÜ	2	Structure and properties of fibre-polymer-composites	VL	2									
4															
5															
6															
7	Computer Aided Design and Computation			Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 2)											
8	Computer Aided Design and Computation	VL	2	Selection from a catalog											
9	Computer Aided Design and Computation	GÜ	2												
10				High-Order FEM											
11				High-Order FEM	VL	3									
12				High-Order FEM	HÜ	1									
13	Marketing and Communication							Laser Systems and Metallic Materials							
14	Business-to-Business Marketing	VL	2					Laser Systems and Process Technologies	VL	2					
15	Intercultural Management and Communication	VL	2					Structural Metallic Materials	VL	2					
16	Case Studies of Marketing and Communication	GÜ	2												
17				Additive Production											
18				Additive Production	VL	2									
19				Additive Production	SE	2									
20				Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 1)											
21	Selection from a catalog														
22	Continuum Mechanics			Mechanical Properties											
23	Continuum Mechanics	VL	2	Mechanical Behaviour of Brittle Materials	VL	2									
24	Continuum Mechanics Exercise	GÜ	2	Dislocation Theory of Plasticity	VL	2									
25															
26															
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.

