

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

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

Specialisation Mechatronics, Specialisation Product Development and Production

				Core Qualification Compulsory		Specialisation Compulsory		Focus Compulsory		Thesis Compulsory					
				Core Qualification Elective Compulsory		Specialisation Elective Compulsory		Focus Elective Compulsory		Interdisciplinary complement					
Specialisation Mechatronics, Specialisation Product Development and Production				Form	Hrs/wk	Semester 3				Form	Hrs/wk	Semester 4		Form	Hrs/wk
1	Robotics					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 A: 12 CP) (part 2)											
8	Computer Aided Design and Computation	VL	2	Selection from a catalog											
9	Computer Aided Design and Computation	GÜ	2												
10															
11															
12															
13	Selected Topics of Mechanical Engineering and Management (Alternative A: 12 CP) (part 1)			Nonlinear Dynamics											
14	Selection from a catalog			Nonlinear Dynamics	IV	4	Industrial Process Automation	VL	2						
15							Industrial Process Automation	GÜ	2						
16															
17															
18															
19	Vibration Theory			Additive Production			3D Printing Laboratory								
20	Vibration Theory	IV	4	Additive Production	VL	2	3D Printing Laboratory	PR	3						
21				Additive Production	SE	2									
22															
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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.

