

# Course of Study Mechanical Engineering and Management (Study Cohort w17)

Sample course plan A Master Mechanical Engineering and Management (IMP MEM)  
Specialisation Management, Specialisation Product Development and Production

Legend:

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

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	<b>Robotics</b>			<b>Fibre-polymer-composites</b>			<b>Research Project IMP MEM</b>			<b>Master Thesis</b>		
2	Robotics: Modelling and Control	VL	3	Design with fibre-polymer-composites	VL	2						
3	Robotics: Modelling and Control	UE	2	Structure and properties of fibre-polymer-composites	VL	2						
4												
5												
6												
7	<b>Computer Aided Design and Computation</b>			<b>Selected Topics of Mechanical Engineering and Management (part 2)</b>								
8	Computer Aided Design and Computation	VL	2	Selection from a catalog								
9	Computer Aided Design and Computation	UE	2									
10				<b>Economics</b>								
11				Main Theoretical and Political Concepts	VL	2						
12				International Economics	VL	2						
13	<b>Selected Topics of Mechanical Engineering and Management (part 1)</b>						<b>Corporate Entrepreneurship &amp; Growth</b>					
14	Selection from a catalog						Corporate Entrepreneurship in the Digital Age	SE	3			
15							Entrepreneurial Finance	SE	2			
16	<b>Marketing and Communication</b>			<b>Technology Entrepreneurship</b>								
17	Business-to-Business Marketing	VL	2	Entrepreneurship	VL	2						
18	Intercultural Management and Communication	VL	2	Creation of Business Opportunities	PBL	3						
19							<b>3D Printing Laboratory</b>					
20	Case Studies of Marketing and Communication	UE	1				3D Printing Laboratory	PR	3			
21												
22				<b>High-Order FEM</b>								
23				High-Order FEM	VL	3						
24				High-Order FEM	HÜ	1						
25												
26												
27												
28				<b>Rapid Production</b>								
29				Rapid Production	VL	2						
30				Rapid Production	SE	2						
31												
32												
33												
Business & Management (from catalogue) - 6LP												
Nontechnical Elective Complementary 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.