

# Course of Study Mechanical Engineering and Management (Study Cohort w18)

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

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 IMPMEM</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								
11			<b>Economics</b>					
12			Main Theoretical and Political Concepts	VL 2				
13			International Economics	VL 2				
14	<b>Selected Topics of Mechanical Engineering and Management (part 1)</b>				<b>Corporate Entrepreneurship &amp; Growth</b>			
15	Selection from a catalog				Corporate Entrepreneurship in the Digital Age	SE 3		
16	<b>Marketing and Communication</b>		<b>Technology Entrepreneurship</b>		Entrepreneurial Finance	SE 2		
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>Advanced Functional Materials</b>			
20	Case Studies of Marketing and Communication	UE 2			Advanced Functional Materials	SE 2		
21								
22	<b>Continuum Mechanics</b>		<b>Mechanical Properties</b>					
23	Continuum Mechanics	VL 2	Mechanical Behaviour of Brittle Materials	VL 2				
24	Continuum Mechanics Exercise	UE 2	Dislocation Theory of Plasticity	VL 2				
25								
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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.

