

# Course of Study Mechanical Engineering (Study Cohort w23)

Sample course plan B Bachelor Mechanical Engineering (MBBS)

Legend	Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
	Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

Specialisation Mechatronics				
1	<b>Mathematics I</b>		<b>Fundamentals of Mechanical Engineering Design</b>	<b>Advanced Mechanical Engineering Design (part 1)</b>
2	Mathematics I VL 4	Fundamentals of Mechanical Engineering Design VL 2	Fundamentals of Mechanical Engineering Design VL 2	Advanced Mechanical Engineering Design I VL 2
3	Mathematics I HÜ 2	Fundamentals of Mechanical Engineering Design HÜ 2	Fundamentals of Mechanical Engineering Design HÜ 2	Advanced Mechanical Engineering Design I HÜ 2
4	Mathematics I GÜ 2			Advanced Mechanical Engineering Design II VL 2
5				Advanced Mechanical Engineering Design II HÜ 2
6				
7				
8				
9	<b>Fundamentals of Materials Science</b>			
10	Fundamentals of Materials Science II VL 2			
11	Fundamentals of Materials Science I VL 2			
12	Physical and Chemical Basics of Materials Science VL 2			
13				
14				
15	<b>Team Project MB</b>			
16	Team Project MB PBL 6			
17				
18				
19				
20				
21	<b>Computer Science for Engineers - Introduction and Overview</b>			
22	Computer Science for Engineers - Introduction and Overview VL 3			
23	Computer Science for Engineers - Introduction and Overview GÜ 2			
24	Computer Science for Engineers - Introduction and Overview GÜ 2			
25				
26				
27	<b>Engineering Mechanics I (Stereostatics)</b>	<b>Engineering Mechanics II (Elastostatics)</b>	<b>Engineering Mechanics III (Dynamics)</b>	
28	Engineering Mechanics I VL 2	Engineering Mechanics II VL 2	Engineering Mechanics III VL 3	
29	Engineering Mechanics I GÜ 2	Engineering Mechanics II GÜ 2	Engineering Mechanics III GÜ 2	
30	Engineering Mechanics I HÜ 1	Engineering Mechanics II HÜ 2	Engineering Mechanics III HÜ 1	
31				
32				

Non-technical Courses for Bachelors (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.

