

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 Biomechanics				
1	Mathematics I		Fundamentals of Mechanical Engineering Design	Advanced Mechanical Engineering Design (part 1)
2	Mathematics I VL 4		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	Advanced Mechanical Engineering Design I HÜ 2
4	Mathematics I GÜ 2			
5				
6				
7				
8				
9	Fundamentals of Materials Science			
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	Team Project MB			
16	Team Project MB PBL 6			
17				
18				
19				
20				
21	Computer Science for Engineers - Introduction and Overview			
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	Engineering Mechanics I (Stereostatics)		Engineering Mechanics II (Elastostatics)	Engineering Mechanics III (Dynamics)
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.

