

Course of Study Mechanical Engineering (Study Cohort w23)

Sample course plan C. Bachelor Mechanical Engineering (MBBS) Dual study program

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

Specialisation Energy Systems				
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			Advanced Mechanical Engineering Design II HÜ 2
5				Advanced Mechanical Engineering Design II HÜ 2
6				Advanced Mechanical Design Project PBL 4
7				Advanced Mechanical Design Project PBL 4
8				Advanced Mechanical Design Project PBL 4
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	Practical module 1 (dual study program, Bachelor's degree)		Practical module 2 (dual study program, Bachelor's degree)	Practical module 3 (dual study program, Bachelor's degree)
28	Practical term 1 0		Practical term 2 0	Practical term 3 0
29				
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31				
32				
33	Engineering Mechanics I (Stereostatics)		Engineering Mechanics II (Elastostatics)	Engineering Mechanics III (Dynamics)
34	Engineering Mechanics I VL 2		Engineering Mechanics II VL 2	Engineering Mechanics III VL 3
35	Engineering Mechanics I GÜ 2		Engineering Mechanics II GÜ 2	Engineering Mechanics III GÜ 2
36	Engineering Mechanics I HÜ 1		Engineering Mechanics II HÜ 2	Engineering Mechanics III HÜ 1
37				
38				
Linking theory and practice (dual study program, Bachelor's degree) - 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.

