

Curriculum International Mechanical Engineering (B.Eng.)
effective from study beginning in winter/summer semester 2024/2025

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester
Mathematics for Engineers 1 (eMA1) (4/5)	Mathematics for Engineers 2 (eMA2) (4/5)	Mathematics for Engineers 3 (eMA3) (4/5)	Measurement Techniques with Laboratory Exercises (eMTP) (4/5)	Industrial Placement (BP) (0/22)	Control Engineering with Laboratory Exercises (eRTP) (4/5)	Mandatory Elective Module II-3 (eFW II-3) (4/5)
Engineering Mechanics 1 (eTM1) (4/5)	Engineering Mechanics 2 (eTM2) (4/5)	Engineering Mechanics 3 (eTM3) (4/5)	Fluid Mechanics (eSM) (4/5)		Machine Dynamics (eMD) (4/5)	Mandatory Elective Module II-4 (eFW II-4) (4/5)
Engineering Design 1 (eKO1) (4/5)	Thermodynamics 1 (eTD1) (4/5)	Engineering Design 2 (eKO2) (4/5)	Engineering Design 3 (eKO3) (4/5)		Fundamentals of Electric Machines and Drives (eGAT) (4/5)	Mandatory Elective Module I-2 (FW I-2) (4/5)
Material Science (eWTK) (4/5)	Design of Machine Elements 1 (eME1) (4/5)	Design of Machine Elements 2 (eME2) (4/5)	Thermodynamics 2 (eTD2) (4/5)		Laboratory Exercises: Plants and Engines (PMS) (4/5)	General Scientific Elective Module (AW) (2/2)
Manufacturing Methods (eFV) (4/5)	Fundamentals of Programming (eGPR) (4/5)	Fundamentals of Electrical Engineering and Electronics (eGEE) (4/5)	Computer Science for Engineers (eII) (4/5)		Student Research Project (PA) (4/6)	Bachelor's Thesis (BA) (0/12)
Language Track A/B 1 (LTA/B 1) (4/5)	Language Track A/B 2 (LTA/B 2) (4/5)	Language Track A/B 3 (LTA/B 3) (4/5)	Language Track A/B 4 (LTA/B 4) (4/5)	Project Management and Quality Assurance (PQS) (4/4)	Mandatory Elective Module I-1 (FW I-1) (4/5)	
				Sustainability, Life Cycle Assessment, Business Administration (NOB) (4/4)		
24 SWS 30 Credits	24 SWS 30 Credits	24 SWS 30 Credits	24 SWS 30 Credits	8 SWS 30 Credits	24 SWS 31 Credits	14 SWS 29 Credits

Explanation: (4/5) means 4 SWS and 5 ECTS-Credits

Sum Study Programme:
210 Credits/142 SWS

Mandatory Elective Modules 1-4: freely selectable from the Elective Module Catalogue International Mechanical Engineering (B.Eng.) of the Faculty of Mechanical Engineering.