

**Curriculum International Mechanical Engineering (B.Eng.)**  
effective from study beginning in winter 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)	Berufsqualifizierendes Praktikum (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)	Fachwissenschaftliches Wahlpflichtmodul 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)		Maschinentechnisches Praktikum (PMS) (4/5)	Allgemeinwissenschaftliches Wahlpflichtmodul (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)		Projektarbeit (PA) (4/6)	Bachelorarbeit (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)		Projektmanagement und Qualitätssicherung (PQS) (4/4)	
				Nachhaltigkeit, Ökobilanz und Betriebswirtschaft (NÖB) (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.

**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 Modules (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 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)	
				Sustainability, Business Admini- stration, Accounting (NÖB) (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:  
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Mandatory Elective Modules 1-4: freely selectable from the Elective Module Catalogue International Mechanical Engineering (B.Eng.) of the Faculty of Mechanical Engineering.

**Studienverlaufsplan Bachelor International Mechanical Engineering (B.Eng.)**

gültig für Studienbeginn ab dem Winter-/Sommersemester 2024/2025

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester
Ingenieurmathematik 1 (eMA1) (4/5)	Ingenieurmathematik 2 (eMA2) (4/5)	Ingenieurmathematik 3 (eMA3) (4/5)	Messtechnik mit Praktikum (eMTP) (4/5)	Berufsqualifizierendes Praktikum (BP) (0/22)	Regelungstechnik mit Praktikum (eRTP) (4/5)	Fachwissenschaftliches Wahlpflichtmodul II-3 (eFW II-3) (4/5)
Technische Mechanik 1 (eTM1) (4/5)	Technische Mechanik 2 (eTM2) (4/5)	Technische Mechanik 3 (eTM3) (4/5)	Strömungsmechanik (eSM) (4/5)		Maschinendynamik (eMD) (4/5)	Fachwissenschaftliches Wahlpflichtmodul II-4 (eFW II-4) (4/5)
Konstruktion 1 (eKO1) (4/5)	Thermodynamik 1 (eTD1) (4/5)	Konstruktion 2 (eKO2) (4/5)	Konstruktion 3 (eKO3) (4/5)		Grundlagen der Antriebstechnik (eGAT) (4/5)	Fachwissenschaftliches Wahlpflichtmodul I-2 (FW I-2) (4/5)
Werkstofftechnik (eWTK) (4/5)	Maschinenelemente 1 (eME1) (4/5)	Maschinenelemente 2 (eME2) (4/5)	Thermodynamik 2 (eTD2) (4/5)		Maschinentechnisches Praktikum (PMS) (4/5)	Allgemeinwissenschaftliches Wahlpflichtmodul (AW) (2/2)
Fertigungsverfahren (eFV) (4/5)	Grundlagen der Programmierung (eGPR) (4/5)	Grundlagen der Elektro- technik und Elektronik (eGEE) (4/5)	Ingenieurinformatik (eII) (4/5)		Projektarbeit (PA) (4/6)	Bachelorarbeit (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)		Projektmanagement und Qualitätssicherung (PQS) (4/4)	
				Nachhaltigkeit, Ökobilanz und Betriebswirtschaft (NÖB) (4/4)		

24 SWS  
30 Credits

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24 SWS  
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8 SWS  
30 Credits

24 SWS  
31 Credits

14 SWS  
29 Credits

Erklärung: (4/5) bedeutet 4 SWS und 5 Credits

Summen Studiengang:  
210 Credits/142 SWS

Fachwissenschaftliche Wahlpflichtmodule 1-4: frei zu wählen aus dem Wahlpflichtmodulkatalog für den Bachelorstudiengang International Mechanical Engineering der Fakultät Maschinenbau.