

General Mechanical Engineering Bachelor of Engineering						Master			
1 st semester	2 nd semester	3 rd semester	4 th semester	5 th semester	6 th semester	7 th semester	8 th semester	9 th semester	10 th semester
Development of Sustainable Systems, 10 CP		Machine Elements and Design 1, 5 CP	Machine Elements and Design 2, 10 CP	Production Engineering, 5 CP	Practical Phase and Basics of Project Work (introduction in the 5 th semester), 15 CP	The following consecutive master's programmes can be pursued after completing the bachelor's degree:			
Mathematics, 15 CP				Machine Dynamics, 5 CP					
		Thermodynamics, 7.5 CP				Control Engineering, 5 CP	Engineering Core Elective, 5 CP		
Engineering Mechanics: Fundamentals of Elastostatics, 5 CP	Engineering Mechanics: Elastostatics Specialisation, 5 CP	Engineering Mechanics: Kinematics and Kinetics, 5 CP	Fluid Mechanics, 5 CP	Engineering Core Elective, 5 CP				Bachelor's Thesis with Colloquium, 15 CP	Qualification courses prepare students for following master's programmes:
Materials Engineering, 10 CP		Computer-Aided Methods, CAx, 5 CP			Engineering Core Elective, 5 CP	Engineering Core Elective, 5 CP			
Manufacturing Processes, 5 CP	Measurement Technology, 5 CP		Electrical Engineering, 5 CP	Fundamentals of Business Administration, 5 CP			5. Mechatronics – Master of Science 4 semesters – 120 CP		
Computer Science, 5 CP					Technical English, 2.5 CP	Interdisciplinary Challenges of Social Developments, 5 CP			

CP: The size of the module blocks corresponds to the average amount of studying and learning required. Credit points (CP) are awarded for modules completed - usually 30 CP per semester.
 Colour legend: standard module final thesis practical phase core elective, specialisations interdisciplinary qualifications