

Polymer 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		Polymer Chemistry, 5 CP	Electrical Engineering and Electric Drives, 5 CP	Sustainability Assessment, 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: 1. Polymer Engineering – Master of Science 4 semesters – 90 CP 2. Mechanical Engineering – Master of Science 4 semesters – 120 CP 3. Automotive Engineering – Master of Science 4 semesters – 120 CP Qualification courses prepare students for following master's programmes: 4. Industrial Engineering – Master of Science 4 semesters – 120 CP 5. Mechatronics – Master of Science 4 semesters – 120 CP The Diploma Supplement, which assigns an ECTS grade from A to E to the grade, simplifies the recognition of the degree abroad.			
Mathematics, 15 CP		Heat and Mass Transport, 10 CP		Automation Engineering, 5 CP					
		Introduction to Rheology, 5 CP	Injection Molding, 5 CP	Polymer Engineering Core Elective, 5 CP					
Engineering Mechanics: Fundamentals of Elastostatics, 5 CP	Engineering Mechanics: Elastostatics Specialisation, 5 CP	Machine Elements from Polymeric and Metallic Materials, 5 CP	Design Project/CAD, 5 CP	Polymer Engineering Core Elective, 5 CP	Bachelor's Thesis with Colloquium, 15 CP				
Materials Engineering and Manufacturing Technology, 5 CP	Plastics Materials Science, 5 CP	Designing with Plastics, 5 CP	Polymer Engineering Core Elective, 5 CP	Fundamentals of Business Administration, 5 CP					
Computer Science, 5 CP	Measurement Technology, 5 CP	Extrusion and Compounding, 5 CP	Polymer Engineering Core Elective, 5 CP	Interdisciplinary Challenges of Social Developments, 5 CP					
Technical English, 2.5 CP	Chemistry, 2.5 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