

Curriculum of the Bachelor Program on Mechanical Engineering (B.Eng.)																														
ECTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1W	Introduction to Advanced Mathematics					Scientific Basics					Soft Skills and Culture			Academic English Skills					German Basics 1 (Level A1)					German Basics 2 (Level A2)						
2S	Technical Mathematics 1					Mechanics 1					Engineering Design 1					Fundamentals of Electrical Engineering					Programming					German Basics 3 (Level B1.1)				
3W	Technical Mathematics 2					Mechanics 2					Machine Elements 1					Fundamentals of Business Administration					Materials Science and Technology					Technical German (Level B1.2)				
4S	Mathematical Applications					Strength of Materials					Engineering Design 2					Control Systems					Measurement Technology					Industrial Organization and Quality Management				
5W	Simulation Methods 1					Advanced Dynamics					Machine Elements 2					Fluid Mechanics					Production Technology					Elective Subject 1				
6S	Simulation Methods 2					Scientific Work and Lab Workshops					Digitalization in Production					Thermodynamics					Advanced Materials Science					Elective Subject 2				
7W	Industrial Internship (or Inhouse Laboratory Projects)																									(Block) Seminars accompanying Internship				
8S	Bachelor Thesis												Bachelor Colloquium			Engineering Project										Elective Subject 3				

FNG	FMA	FEI	Common lectures (I)	Univ. Divisions	Common Lectures (II)
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