Table of Equivalents

TECHNISCHE UNIVERSITÄT DARMSTADT

Last name: _____

First name: _____

Application number: _____

Required Courses of the degree program „B.Sc. Maschinenbau – Sustainable Engineering“	**Successfully completed courses with equivalent content and competencies**	**Credits**	**Grade**
Introduction to Mechanical Engineering 2 CP			
Mathematics for Mechanical Engineering I 8 CP			
Mathematics for Mechanical Engineering II 8 CP			
Mathematics for Mechanical Engineering III 4 CP			
Mathematics of Machine Learning 4 CP			
Material Science & Engineering I 4 CP			
Material Science & Engineering II 4 CP			
Engineering Mechanics I (Statics) 6 CP			
Engineering Mechanics II (Elastostatics) 6 CP			
Engineering Mechanics III (Dynamics) 6 CP			
Chemistry for Mechanical Engineering 4 CP			

Physics for Mechanical Engineering 4 CP			
Machine Components and Mechatronics I 8 CP			
Machine Elements and Mechatronics II 8 CP			
Technical Thermodynamics I 6 CP			
Technical Thermodynamics II 4 CP			
Heat and Mass Transfer 4 CP			
Fundamental Fluid Mechanics 6 CP			
Production Technology 6 CP			
Fundamentals of Digitalization 4 CP			
Introduction to Electrical Engineering 6 CP			
Computer Aided Design (CAD) 4 CP			
Numerical Simulation Methods 4 CP			
Measurement Techniques, Sensors and Statistics 6 CP			
Control Engineering 6 CP			
Product Design Project 4 CP			
Hands on Tutorial Digitalization 2 CP			

Engineering Science and Society 4 CP			
Introduction to Scientific Working and Writing 2 CP			
Electives 16 – 19 CP			
General Studies 3 – 6 CP			
Bachelor Thesis 12 CP			