Materials Engineering Course Plan – Summer Semester Start

Technische Hochschule Rosenheim
Technical University of Applied Sciences

Semester	Credit Points (CP)																										
	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
1	Mathematics 1.1					Applied Informatics					Engineering Mechanics 1: Statics					Intro to Electrical Engineering					German B1.1					German B1.2			
2	Mathematics 1.2					Physics					Technical Drawing and CAD					Materials Engineering 1					German B2.1					German B2.2			
3	Mathematics 2					Chemistry					Engineering Mechanics 2: Mechanics of Materials					Materials Engineering 2					Technical German 1					Technical German 2			
4	Product Design					Thermodynamics					Polymer Materials					Mechanical Systems					Metals and Alloys					Material Testing			
5	Composite Materials					Measurement and Analysis					Material Processing					Additive Manufacturing					Design Project					Technical Elective			
6	Industrial Internship																									Internship Seminar				
7	Quality Management and Statistics					Simulation and Modeling					Glass and Ceramics					Wood and Wood-Based Materials					Technical Elective					Technical Elective			
8	Life Cycle Assessment and Circular Design					Conservation and Recycling					Technical Elective					Technical Elective					Bachelor‘s Thesis								

Total credits: 210 CP

Courses taught in English (all others taught primarily in German)

German as a foreign language (not included in required 210 CP but can be used to meet language requirement)