Study Course Plan – Plastics Engineering

Technische Hochschule Rosenheim

SEMESTER **FWPM** = Technical Electives **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					Computer Science Fundamentals					Engineering Mechanics 1: Statics					Basics of Electrical Engineering					German B1.1					German B1.2			
2	Mathematics 1.2					Physics 1					Technical Drawing and CAD					Basic Chemistry					German B2.1					German B2.2			
3	Mathematics 2					Technical Design					Engineering Mechanics 2: Mechanics of Materials					Manufacturing Technology and Materials Science					Technical German 1					Technical German 2			
4	Thermodynamics					Mechanical Systems: Metals					Polymer Chemistry					Polymers					Composite Materials					Mechanical Systems: Polymers			
5	Measurement and Analytics					Injection Moulding Technology					Extrusion					Rheology and Material Testing					Product Development with Plastics					FWPM 1			
																											Internship			
6	Internship in Germany or abroad																									Seminars supplementing the internship				
	FWPM 1					FWPM 2					FWPM 3					Internship														
7	Industrial Project					Simulation and Modeling					Post-processing of Plastics					Life Cycle Assessment					FWPM 2					FWPM 3			
																						Internship								
8	Industrial Project FWPM 4 / FWPM 4					Mould Making					Automation and Digitalization					Plastic-specific Aspects of Sustainability					Bachelor`s Thesis								

in total 210 CP

Module legend:

- Rosenheim study model with practical semester
- Rosenheim study model without practical semester
- German as a foreign language
- Modules taught in English

All modules not marked as being taught in English will be taught in German.