

	module 1	module 2	module 3	module 4	module 5	
1st semester	Required elective modules I		Physical Materials Diagnostics	Quality Management	Scientific Writing and Presentation	German I/ Non-technical module I
2nd semester	Required elective modules II				Soft Skills	German II/ Non-technical module II
3rd semester	Research Internship					
4th semester	Master Thesis					Colloquium

Required elective modules I:	for graduates in e.g. Precision Engineering	Solid State Physics	Microsystems Engineering	Electronic Hardware Systems
	for graduates in e.g. Physics Engineering	Design of Precision Devices	Introduction to FEM	Electronic Hardware Systems
	for graduates in e.g. Electrical Engineering	Design of Precision Devices	Introduction to FEM	Solid State Physics

Recommended Required elective modules II	Materials for Sensors and Electronics	Micro- and Nanotechnology	Optical Instruments	Gas Sensing and Aerosol Measurement	
	FEM and Simulation	Advanced 3D-Design	Precision Instrumentation	Scientific Computing	Introduction to Data Science and Machine Learning