

Bachelor's Thesis		General Elective, Language + Soft Skills	Industrial Engineering- and Lab- Project
Semester 5, 6, 7	Integration Area Quality Management and Digital Transformation Sustainability and Energy Systems	Specialization Modules - Electrical and Electronic Systems - Information Technologies and AI - Sustainable Energy Systems - Sustainable Global Value Networks	Compulsory Elective Module e.g. - Circular Economy in Engineering and Management - Smart Production Systems - Distributed Systems / Automation Technology - Introduction to Machine Learning - Digital Control Systems / Robotics - System Architecture / Deep Learning- AI - ...
4	Integrated Practical Semester		
Semester 1, 2, 3	Scientific Foundations: Math I - II Statistics and Operations Research Physics - Concepts and Methods	Advanced Electrical Engineering and Information Technology Electrical Engineering and Electronics / Signals and Systems Software Engineering and Object Oriented Programming	Engineering and Management Project Management Marketing and Economics Managerial Accounting Financial Accounting Business Law Human Ressource Management Investment & Financing Planning & Organization
		Fundamentals Engineering Programming Basic Energy Systems and Sustainability	Economics Economics Business Administration
			Project- Based Learning Hands on Experience / Seminar Business Administration in Engineering and Management