

(International) Bachelor's Thesis		Global Interaction Seminar	General Elective, Language + Soft Skills	Industrial Engineering- and Lab- Project
Semester 5, 6, 7	<b>Integration Area</b>  Quality Management and Digital Transformation  Sustainability and Energy Systems	<b>Specialization Modules</b>  - Electrical and Electronic Systems - Information Technologies and AI - Sustainable Energy Systems - Sustainable Global Value Networks	<b>Compulsory Elective Module</b> 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	<b>(International) Integrated Practical Semester</b>			
Semester 1, 2, 3	<b>Scientific Foundations:</b>  Math I - II  Statistics and Operations Research  Physics - Concepts and Methods	<b>Advanced Electrical Engineering and Information Technology</b>  Electrical Engineering and Electronics / Signals and Systems / Digital Systems /	<b>Engineering and Management</b>  Project Management Marketing and Economics Managerial Accounting Financial Accounting Business Law Human Resource Management Investment & Financing Planning & Organization	<b>Project- Based Learning</b>  Hands on Experience / Seminar Business Administration in Engineering and Management
		<b>Fundamentals</b>  Engineering - Programming - Basic Energy Systems and Sustainability	<b>Economics</b>  Economics Business Administration	<b>International Modules</b>  International Management & Intercultural Competencies Crosscultural Communication and Intercultural Awareness