Module Overview - Faculty Electrical and Industrial Engineering - Studyprogram Sustainable Industrial Operations and Business (B. Eng.)

Semester

7	Mobility Innovations	International Business & Cross-Cultural Communication	Seminar on Sustainable Development	Bachelor's Thesis			
6	Smart Manufacturing & Industry 4.0	Data science & AI	Supply Chain Management	Enterprise Resource Planning	Sustainable Development III: Transformations, Scenareos	Energy Infrastructure	General Studies
5	Internship					Internship Seminar	
4	Automatic Control Engineering	Introduction to Manufacturing Engineering	Fundamentals of Industrial Digization	Sustainable Development II: Players, Standards, Interventions	Accounting	German IIII: Part 2 for A2/ Foreign Language*1,2	General Studies
3	Engineering & Design	Renewable Energy	Fundermentals of Operation & Supply Chain Management	Marketing & Sales	Traditional and Agile Project Management	German III: Part 1 for A2/ Foreign Language*1,2	
2	Mathematics for Engineers II	Applied Physics	Electronics & Measurement Engineering	Softare Development & Coding	Sustainable Development I: Principles	German II: Part 2 for A1/ Foreign Language*1,2	
1	Mathematics for Engineers I	Statistics for Engineers	Principles of Electrical Engineering	Fundamentals of Computer Science	Principles of Business Administartion and Economics	German I: Part 1 for A1/ Foreign Language*1,2	General Studies

ECTS - Points: 5 10 15 20 25 30 35

Modules from the Subject Areas

- Mathematics
- Engineering & Natural Sciences
- Sustainability
- Information Technologie & Data Science
- Business Administration
- Practical Modules
- General Studies, Language & (inter)national Culture
- In englisch

*1For non-German speakers: German as a foreign language, no prior knowledge required.
2For German speakers: second foreign language.