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

Semester

Semester	Modules
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 IV: 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

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