

International Engineering and Management (EN)

Module Overview

SPO Version 2

Foundation studies		Main studies				
1st Semester	2nd Semester	3rd Semester	4th Semester	5th Semester	6th Semester	7th Semester
5 ECTS Mathematics I	5 ECTS Mathematics II	5 ECTS Statistics and Operations Research	30 ECTS Industrial Internship Seminar	5 ECTS Lab Project (DE)	5 ECTS Quality Management and Digital Transformation	12 ECTS Bachelor's Thesis
5 ECTS Business Administration	5 ECTS Physics – Concepts and Methods	5 ECTS Seminar for Engineering and Management Students and Law		5 ECTS Sustainability and Energy Systems	10 ECTS Industrial Engineering Project	
5 ECTS Electrical Engineering	5 ECTS Electrical Engineering and Electronics	5 ECTS International Management & Intercultural Competence		5 ECTS Elective Engineering Methods and Systems		
5 ECTS Crosscultural Communication and Intercultural Awareness	5 ECTS Programming	5 ECTS Project Management		5 ECTS Elective Engineering	5 ECTS Elective Integration	5 ECTS Global Interaction (Seminar)
5 ECTS Engineering and Sustainability	5 ECTS Markets	5 ECTS General Management		5 ECTS Elective Economics	5 ECTS Elective Internationality	8 ECTS Social Skills and Cross-Curricular Learning
5 ECTS Hands on Experience	5 ECTS Accounting	5 ECTS Planning & Organization		15 ECTS Specialization Modules: – Electrical and Electronic Systems – Information Technologies and AI – Sustainable Energy Systems – Sustainable Global Value Networks		

Legend

Internationale Modules

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Compulsory subject

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Elective subjects + Specializations

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Internship

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Bachelor Thesis

ECTS

Credit Points / European Credit Transfer System

Language of Instruction: English (DE=German)