

Curriculum des Bachelor "Sustainable Engineering of Products and Processes" - English track

This model curriculum is meant for all students who would like to take as many courses as possible in English during their first two semesters. In particular, "Fascination Mechanical Engineering" is offered in English during the summer term and should therefore be taken in the second semester.

Semester 1		Semester 2		Semester 3		Semester 4		Semester 5		Semester 6	
Modul	LP	Modul	LP	Modul	LP	Modul	LP	Modul	LP	Modul	LP
Ingenieurmathematik A (Mathematics for Engineers A)	8	Ingenieurmathematik B (Mathematics for Engineers B)	8	Thermodynamik 1 (Thermodynamics 1)	5	Grundlagen des Konstruierens (Fundamentals of Engineering Design)	8	Pflicht/Wahlpflicht VT	5	Collaborative Work - Labor (Laboratory)	2
Technische Mechanik 1 (Engineering Mechanics 1)	8	Technische Mechanik 2 (Engineering Mechanics 2)	5	Strömungsmechanik (Fluid Mechanics)	5	Regelungstechnik (Control Theory)	5	Pflicht/Wahlpflicht VT	5	Pflicht/Wahlpflicht VT	5
Werkstoffwissenschaften (Materials Science)	6	Faszination Maschinenbau (Fascination Mechanical Engineering)	5	Digitale Werkzeuge (Digital Tools) - Einführung in die Programmierung	2	Digitale Werkzeuge (Digital Tools) - Methoden und Algorithmen	3	Pflicht/Wahlpflicht VT	5	Praktikum (internship)	10
Environmental and Social Sustainability in Engineering - Teil 1	3	Environmental and Social Sustainability in Engineering - Teil 2	3	Energy Systems	5	Pflicht/Wahlpflicht VT	5	Pflicht/Wahlpflicht VT	5	Abschlussmodul (bachelor's thesis)	14
		Sustainable Business Economics	6	Pflicht/Wahlpflicht VT (compulsory/elective modules specialisaton)	5	Pflicht/Wahlpflicht VT	5	Pflicht/Wahlpflicht VT	5		
Überfachliche Profilbildung (Integrated Module)	4	Überfachliche Profilbildung (Integrated Module)	4	Pflicht/Wahlpflicht VT	5	Pflicht/Wahlpflicht VT	5	Collaborative Work - Projektarbeit (project work)	6		
29		31		27		31		31		31	

Summe 6 Semester: 180