



SUSTAINABLE INDUSTRIAL OPERATIONS AND BUSINESS (B.ENG.)

THE UNIVERSITY

Landshut University of Applied Sciences offers more than 50 study and further education programmes at a high level of quality. The university stands for a clear orientation on current and future requirements of the labour market and a focus on hands-on learning.

The team of professors and teaching staff focuses its teaching activities on imparting professional and social skills, but also on promoting individual strengths.

Selected partnerships with universities around the globe and with globally operating companies enable students to experience studying or doing an internship abroad.

No prior internship is required for admission to the degree programme. The course of study is held at our Technology Campus Dingolfing.

APPLICATION

Application start: April 15

Find more application information here:

www.haw-landshut.de/degree-seeker

Please apply online via PRIMUSS:

https://www3.primuss.de/cgi-bin/bew_anmeldung_v2/index.pl

CONTACT

COURSE GUIDANCE - FOR SUBJECT-SPECIFIC QUESTIONS

Prof. Dr. Reinhold Kohler

reinhold.kohler@haw-landshut.de

RECOGNITION

For questions regarding recognition and admission:

zeugnisanerkennung@haw-landshut.de

INTERNATIONAL OFFICE / WELCOME SERVICE

For questions regarding Visa, Admission, Intake and studying at Landshut University of Applied Sciences:

incoming@haw-landshut.de

Find further information on the degree programme at:

www.haw-landshut.de/en/siob



UNIVERSITY OF LANDSHUT
University of Applied Sciences

Am Lurzenhof 1
84036 Landshut
Tel. +49 (0)871 - 506 0
Fax +49 (0)871 - 506 506
info@haw-landshut.de
www.haw-landshut.de



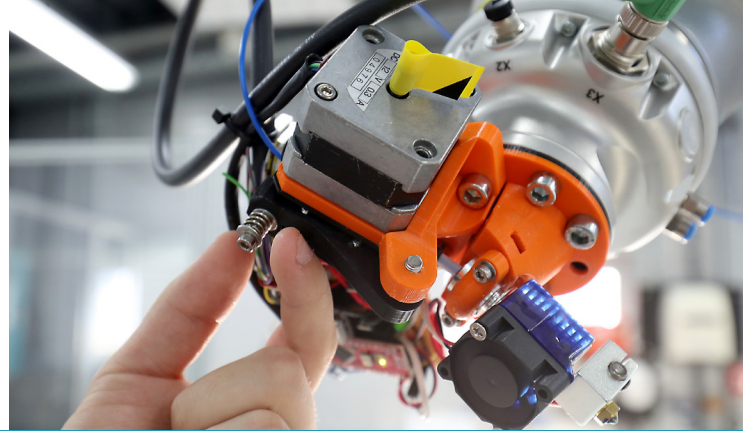
BACHELOR'S PROGRAMME

FACULTY
ELECTRICAL ENGINEERING AND
INDUSTRIAL ENGINEERING

STUDY OBJECTIVE

The interdisciplinary English-taught Bachelor's degree programme Sustainable Industrial Operations and Business combines technical, business and international knowledge, skills and competences in the context of sustainability.

Students learn about the relevant interfaces and impact factors and are able to responsibly shape these in globally operating companies.



The degree programme trains the specialists and managers of tomorrow who are able to understand and shape future operational and strategic developments and productions in companies and their influence on society and the economy in sufficient depth and complexity.

Graduates possess the necessary competence to lead activities or interdisciplinary projects and to take efficient decisions. They get enabled to take responsibility for the professional development of themselves or others.

The broad content of the degree programme opens up **diverse career perspectives in globally operating companies and organisations.**

Professional fields of employment are in the areas of sustainability, mobility, production planning and control, logistics, technical purchasing and sales, quality management, marketing, controlling, innovation and project management.

STUDY PROGRAMME

Term.	Sustainable Industrial Operations and Business	
1. + 2.	<ul style="list-style-type: none"> - Mathematics for Engineers I & II - Principles of Electrical Engineering; Applied Physics; Electronics and Measurement Engineering - Fundamentals of Computer Science; Software Development and Coding - Principles of Business Administration and Economics - Sustainable Development I: Principles - German/Foreign Language 	BASICS
3.	<ul style="list-style-type: none"> - Automatic Control Engineering - Network Communication / IoT - Procurement, Manufacturing and Logistics - Marketing and Sales - Accounting - German/Foreign Language 	ADVANCED MODULES
4.	<ul style="list-style-type: none"> - Engineering and Design - Introduction to Manufacturing Engineering - Renewable Energy - Sustainable Development II: Standards, Players, Interventions - Project Management 	ADVANCED MODULES
5.	INTERNSHIP	
6. + 7.	<ul style="list-style-type: none"> - Smart Manufacturing and Industry 4.0; Mobility Innovations; Energy Infrastructure - Data Science and AI - Supply-Chain-Management; Enterprise Resource Planning - Sustainable Development III: Transformations; Scenarios; Seminar on Sustainable Development - International Business and Cross-Cultural Communication - Bachelor's Thesis 	IN-DEPTH MODULES

The Bachelor's degree programme comprises **six theoretical semesters and one practical semester.** A total of 210 ECTS points are acquired. The study programme has a modular structure.

The modules of the 1st to 4th semesters teach the **basics of technology and business administration** as well as their **integrative linkage.** An important component is also the development of **linguistic and intercultural competencies for the applicability of learnings in globally operating companies.**

REQUIREMENTS PROFILE

Applicants for our Sustainable Industrial Operations and Business degree programme should be interested in mathematics, natural sciences, computer science, technology, business administration, sustainability, languages and cultural diversity. As a future link between technology, business administration and sustainability in an international environment, they should also enjoy working in a team.

The formal admission requirement for all applicants is the (subject-specific or general) Higher Education Entrance Qualification. In case the Higher Secondary School Certificate was acquired outside of Germany a VPD from uni-assist is additionally necessary.

Entry requirement regarding language level : English B2

German for non-German speaking students:

- students without knowledge of German (development to at least level A1/2)
- students with German language skills (development from level A1/2 to B2)

Foreign language for German-speaking students:

- students without respective foreign language skills (development to at least level A1)
- students with respective foreign language skills (further development of language skills by 1-2 levels).

ACADEMIC DEGREE

Bachelor of Engineering (B.Eng.)