

HOCHSCHULE LANDSHUT

YOUR CAMPUS, YOUR FUTURE

The Landshut University of Applied Sciences - a campus offering more. More practical experience, more research and more future in more than 50 bachelor's and master's degree programs in the fields of technology, business, social sciences, media, health and sustainability.

We promote individual strengths and prepare our students for their professional future. Strong partnerships with universities and companies around the globe provide unique opportunities and perspectives.

Together with partners in industry and society, we are shaping a world worth living in. Landshut University of Applied Sciences - We combine excellent education with a high quality of life.

KEY FACTS ABOUT LANDSHUT UNIVERSITY



SUBJECT AREAS

- Technology
- Economy
- Social
- Media
- Health
- Sustainability



CAMPUS LIFE

- 24h Library
- Clubs
- University sports
- Campus cinema
- Partys
- Table football



CULINARY

- Cafébar
- Modern cafeteria
- Salad bar
- Vegetarian
- Vegan
- Organic dishes

APPLY ONLINE

<https://www.haw-landshut.de/en/faculties/electrical-industrial-engineering/study/bachelor-degree-programmes/sustainable-industrial-operations-and-business>

PROGRAM START:

1. October

ANY QUESTIONS?

STUDENT ADVISORY SERVICE
FOR SUBJECT-SPECIFIC QUESTIONS

Prof. Dr. Robert Baumhof
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WELCOME SERVICE

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UNIVERSITY OF LANDSHUT

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ISARCAMPUS DINGOLFING

Bräuhäusgasse 33
84310 Dingolfing

<https://isar-campus.de/en/>



HOCHSCHULE LANDSHUT



Sustainable Industrial Operations and Business B.Eng.



FACULTY ELECTRICAL AND INDUSTRIAL ENGINEERING



SUSTAINABLE INDUSTRIAL OPERATIONS AND BUSINESS

(B. ENG.)

STUDY OBJECTIVE

The interdisciplinary Bachelor's degree program in Sustainable Industrial Operations and Business combines technical, business and international knowledge, skills and competencies against the background of sustainability.



INTERDISCIPL. EDUCATION



MODERN LABORATORIES



INTERCULTURAL EXCHANGE



MEGATRENDS

REQUIREMENTS

- Interest in mathematics, natural sciences, computer science, technology, business administration, sustainability, languages and cultural diversity,
- Fachhochschulreife or subject-specific or general higher education entrance qualification; general higher education entrance qualification; vocationally qualified persons (e.g. master craftsman),
- Language level: Englisch B2.

ACADEMIC DEGREE

Bachelor of Engineering (B.Eng.)

FORM OF STUDY

full-time

DURATION OF STUDIES

7 Semester

(6 theoretical - 1 practical semester)

ECTS-POINTS

210

ADDITIONAL STUDY PROGRAMME OFFERS

Study & Work Program

COURSE OF STUDIES

The Bachelor's degree program comprises six theoretical and one practical semester. A total of 210 ECTS credits are earned. The program has a modular structure.

The modules in semesters 1 to 4 teach the basics of technology, sustainable development and business administration as well as their integrative links and international application. An important component is therefore also the development of language and intercultural skills.

SUBSEQUENT MASTER OPTIONS

- Industrial Engineering
- Business Administration
- Sustainability and Transformation
- Engineering Sciences
- International Business
- Systems Engineering

MODULE OVERVIEW

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, Scenarios	 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 III: Part 2 for A2/ Foreign Language ^{*1,2}	General Studies
3	 Engineering & Design	 Renewable Energy	 Fundmerentials 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 Administration 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 english

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

CAREER PERSPECTIVES

The wide-ranging content of the course opens up a variety of career prospects in internationally active companies and organizations, including sustainability, mobility, production planning and control, logistics, technical purchasing and sales, quality management, marketing, controlling, innovation and project management.

