

## STUDY PROGRAM BACHELOR ENGINEERING SCIENCE

### Engineering Science (EngSci) - the Bachelor program for

- ▶ the all-rounder with an affinity for technology
- ▶ with a comprehensive education in the engineering sciences
- ▶ deepened by specialised seminars, exercises and internships.

### The engineering profession - an impressive range of specialisms

The Engineering Science study program introduces students to the broad spectrum and diversity of the engineering profession, focusing on mechanical engineering, process engineering and electrical engineering.

It thus provides an introduction to engineering science for those who only want to decide on an engineering subject area in the course of their studies. In addition to the necessary basics, students can choose their modules individually from the 3rd semester onwards and thus develop their own engineering profile - also with regard to a later Master's degree program.

### Career opportunities thanks to English-language study program

The language of instruction in this degree program is English. Modules in German can be taken as an option. A period of study abroad is recommended and encouraged. German language training for international students enables them to enter the German job market. Staying here is in demand.

EngSci degree program at a glance

- ▶ **Duration:** 6 semesters
- ▶ **Specializations:**
  - ▶ Mechanical Engineering
  - ▶ Process and Systems Engineering
  - ▶ Electrical Engineering and Information Technology
- ▶ **Final degree:**  
Bachelor of Science (B. Sc.)
- ▶ **Enrollment:** Wintersemester
- ▶ **Teaching language:** English/ partly deutsch
- ▶ **Entry requirements**
  - ▶ University entrance qualification (e.g. Abitur)
  - ▶ demonstrable knowledge of English at level B2 of the Common European Framework of Reference for Languages

› **Full program description** ([https://www.ovgu.de/en/engineering\\_science\\_bachelor-path-46492,48816,48818.html](https://www.ovgu.de/en/engineering_science_bachelor-path-46492,48816,48818.html))

Application and Advice

### Application

- ▶ Applicants with German university entrance certificate (Abitur): 15 September: directly at the Uni Magdeburg
- ▶ Applicants with international secondary school leaving certificate 15 July: via uni-assist

### Advice

- ▶ Individual study counseling
- ▶ Support in choosing a degree program
- ▶ Answers to requirements and application

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Excellent study conditions

### **in Magdeburg**

- ▶ Optimal city size, not too big and not too small
- ▶ Inexpensive and uninhabitable living and housing
- ▶ Green city on the Elbe
- ▶ Active student scene
- ▶ Study at a campus with a long engineering tradition

### **Your Stay at the University**

- ▶ Organizing Your Stay
- ▶ First steps before studying

What to do after the EngSci Bachelor

**The Bachelor EngSci provides the necessary prerequisites for further study in the international engineering master's programs at the University of Magdeburg:**

### **Engineering**

- ▶ Biomechanical Engineering
- ▶ Computational Methods in Engineering
- ▶ Systems Engineering for Manufacturing

### **Electrical engineering and information technology**

- ▶ Medical Systems Engineering
- ▶ Electrical Engineering and Information Technology

### **Process and Systems Engineering**

- ▶ Chemical and Energy Engineering
- ▶ Process Safety and Environmental Engineering