

Prospective students - Study Program Biomechanical Engineering (BiME)

What is it about?

development of medical-technical products of exoprosthesis and endoprosthesis (application on and in humans)

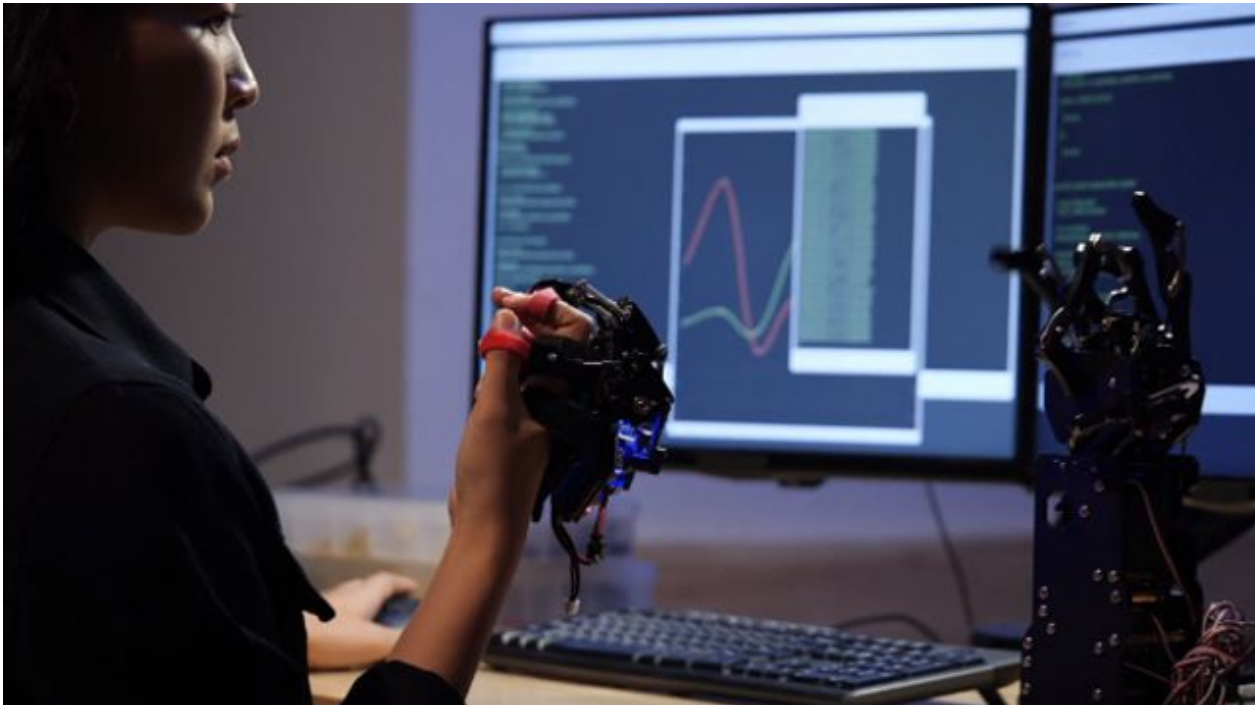
application of principles and fundamentals of engineering to the development of medical devices and assistance systems

That's why you should study in Magdeburg:

Individual student advising

Apply Online!

Why study Biomechanical Engineering?



The short answer:

Improving the quality of human life by taking advantage of the unique interactions between engineering, technology, science and medicine!

Here is the detailed answer ...[click for more](#)

more...

Study Program at a Glance + Students Advising

□

- ▶ **Duration:** 4 semesters
- ▶ **Specializations:** Exoprosthetics+Endoprosthetics
- ▶ **Final degree:** Master of Science (M. Sc.)
- ▶ **Enrollment:** Winter semester
- ▶ **Teaching language:** English
- ▶ **Restricted admission:** N.C.

- ▶ **Entry requirements (Selection):** Relevant Bachelor's degree (at least 180 CP) + Average bachelor degree 2.5 + English C1 level + proof of measles vaccination
- ▶ **Application Deadline:**

With German Bachelor degree: July 15th
With international Bachelor degree: June 15th
- ▶ **Full Program description**

› STUDENT ADVISING BIOMECHANICAL ENGINEERING (<https://www.bime.ovgu.de/Contact.html>)

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Answers to questions like...



- ▶ What bachelor's degree do I need?
- ▶ Am I suitable for the study program?
- ▶ What do the specifications endoprosthetics and exoprosthetics focus on?
- ▶ You can find answers to these questions and more here...

more...

What makes the Biomechanical Engineering program special?



- ▶ Technical and medical campus within one university for perfect study conditions
- ▶ Being actively involved in future topics of modern technology and medical development
- ▶ Excellent urban study conditions in Magdeburg

more...

Visit our EXOprosthetics + ENDOprosthetics Gallery - we present various medical devices that improve the quality of human life
EXOprosthetics



Modern exoskeletons require the complex interaction of various disciplines

more...

EXOprosthetics



Exoprostheses in everyday life and in competitive sports must be optimally designed for mechanical loads

more...

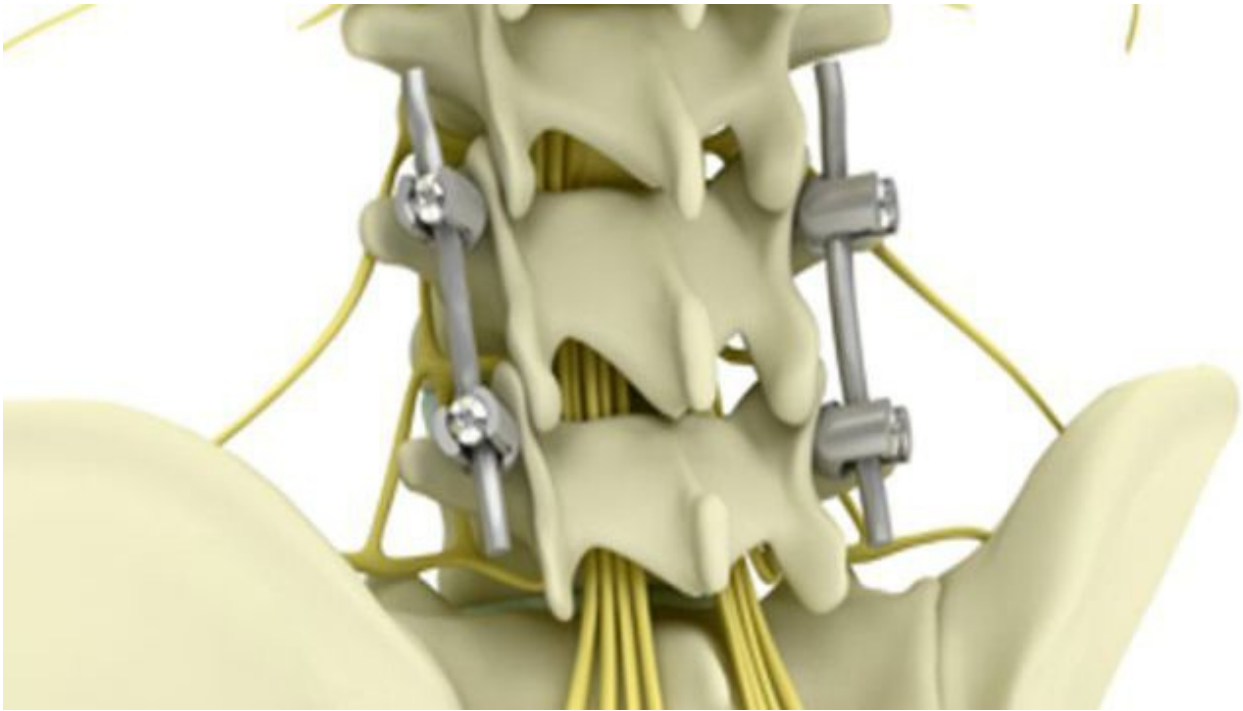
ENDOp prosthetics



Cochlear implants to improve quality of life for the deaf

more...

ENDOp prosthetics



Materials for bone screws and surgical instruments must meet the highest requirements
more...