SERVICE FOR STUDENTS
At the University of Paderborn, we conduct internationally recognized, cutting-edge research. This is your chance! We’ll prepare you for challenging positions where you will take responsibility.

1. “Try before you buy”: during the pupils’ practicum for prospective engineers, you can test out both us and yourself to see if it’s a good fit.

2. Female students are welcome! The University of Paderborn has set a goal of increasing the number of female students in the engineering disciplines further.

3. Thanks to our Germany-wide (and international!) system “eduroam”, students from the University of Paderborn can use the internet for surfing or research for free on campus in Paderborn, at any major German university, or any participating university in the world.

4. The student representatives (German: Fachschaft) are available to support you in any issue with both advice and assistance.

5. The UPB cooperates with universities in many countries around the world. Through these cooperations, students have a variety of options for spending a semester or a year studying abroad.

6. In addition, departments and working groups offer interesting excursions and visits to interesting companies.

7. Continuous cooperation and collaboration with companies also provides students with opportunities for practica and internships.

CONTACT
STUDENT ADVISING CENTER
Room Wg. 207, Telephone: 05251/60-2007
E-Mail: sbg@upb.de
www.mb.uni-paderborn.de

STUDENT ADVISING: MECHANICAL ENGINEERING
Room P 3.29, Telephone: 05251/60-2092
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STUDENT REGISTRATION OFFICE (MATRICULATION)
Room B 3.31, Telephone: 05251/60-5490
E-Mail: Sarah.Luettig@zv.upb.de

INTERNATIONAL OFFICE
studenten@uni-paderborn.de

Current information about application and registration can be found at: www.uni-paderborn.de/en/3-5

PROGRAM DESCRIPTION
The required foundational modules provide a solid base for the knowledge and methods needed for your chosen concentration. Typically they are completed over the course of the first four semesters and consist of modules such as:

• Basics of Natural Sciences
• Mathematics
• Engineering Mechanics
• Material Science
• Engineering Design
• Thermodynamics
• Engineering Applications
• Metrology and Electronics
• Programming
• Operational Management and related subjects

In the subject concentrations in both the Bachelor and Master programs, you have a wide selection of subjects to choose from, which you will then be able to acquire increasingly in-depth knowledge, as well as a chance to apply it. In addition to a number of individual options, we offer the following standard concentrations:

• Energy and Process Technology
• Vehicle Technology
• Production Technologies
• Polymer Technologies
• Lightweight Design and Hybrid Systems
• Mechatronics
• Product Development
• Material Properties and Simulation

Hands-on, practical projects and theses allow students to apply and consolidate their knowledge. These include:

• Project seminars
• Lab experiments
• Bachelor’s thesis
• Independent Study Thesis/research project
• Master’s thesis

STUDY THE FUTURE IN PADERBORN
mb.uni-paderborn.de
You're interested in new technologies? That's why you're considering or have already decided to study mechanical engineering. Mechanical engineering is one of the engineering disciplines and is concerned with the design and production of machines and mechanical systems. Typical examples that might occur to you could be production lines or something in the automotive industry. Nowadays, automation technologies play a large role in mechanical engineering as well, hence, mechanical engineering without knowledge of IT processes is almost impossible nowadays. The increasing lists of requirements that new mechanical engineers have to meet is almost impossible nowadays. The increasing lists of requirements that new mechanical engineers have to meet is almost impossible nowadays. The increasing lists of requirements that new mechanical engineers have to meet is almost impossible nowadays. The increasing lists of requirements that new mechanical engineers have to meet is almost impossible nowadays. The increasing lists of requirements that new mechanical engineers have to meet is almost impossible nowadays.

...THEN IT'S THE FUTURE

With a degree in mechanical engineering, you have many good chances on the job market, especially in Germany – mechanical engineering is the largest industrial employer field in the country. Within this branch, and especially in the region around Paderborn, there are quite a few highly specialized "hidden champion" companies with up to 250 employees, but also many highly respected large-scale enterprises, for example in the automotive industry.

Specialists with modern engineering training are always needed. The professional activities of a mechanical engineer are extremely varied; they are creative integrators of scientific, academic and technological topics.

The Faculty for Mechanical Engineering conducts internationally recognized, cutting-edge research. The results from that research are then integrated directly back into academics. We prepare you for challenging positions requiring personal responsibility.

THE FUTURE

YOU ARE GERMANY'S FUTURE!

These are topics that will determine your – and Germany’s – future in the coming decades.

PADERBORN

Paderborn is located in Eastern Westphalia (Ostwestfalen). Here, at a distance from the hectic atmosphere of large cities, worldwide market leaders rub elbows with cutting-edge researchers. Well-established, forward-thinking, and innovative family businesses have their headquarters here. With the federally recognized cluster "Intelligent Technical Systems", OWL has firmly established itself, both domestically and internationally, as one of the top regions in Germany.