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Bernburg
Dessau
Köthen



Hochschule Anhalt
Anhalt University of Applied Sciences

Biomedical Engineering

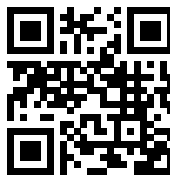
Fachbereich 6

Elektrotechnik, Maschinenbau und
Wirtschaftsingenieurwesen

<https://www.hs-anhalt.de/mbe>

Studienfachberatung

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Studienorganisation

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Campus Köthen



MASTER OF SCIENCE



The international Biomedical Engineering program is offered by the Anhalt University of Applied Sciences. This program offers students excellent opportunity to combine theory and practice as well as engineering and biological-medical knowledge. The course work is organised in modules to provide maximum flexibility in choosing a study plan. Furthermore, the European Credit Transfer System (ECTS) enables students to transfer easily within the European university system. Another emphasis of the course work is on a well balanced opportunity to choose between project- and theory-oriented courses.

STUDIENZIEL

The objective of the program is to provide students a broad and in-depth scientific qualification for an academic career, prepare them for working in an international environment or assist them undertake a professional re-orientation.

STUDIENSCHWERPUNKTE

- Biomedical Device Technology
- Biomedical Instrumentation
- Biomedical Signal Processing
- Biomedical Computation
- Medicine and Technology

STUDIENDAUER

4 Semester

STUDIENBEGINN

Wintersemester und Sommersemester

BERUFLICHE EINSATZMÖGLICHKEITEN

Biomedical engineering supports physicists and even biologists with technical solutions. The developed biomedical systems are as complex as the human subject. Biomedical engineers act often as interpreters between physicians and technicians. Their familiarity with medical technology regulations and laws enables them to work in governmental agencies.

A unique pool of research equipment, close links to partners in the USA and the German health industry offer great opportunities for development, both professionally and scientifically. In general is biomedical engineering a crisis-proof job.