



## Bachelor of Engineering (male/female)



Field of study: electrical engineering - automation technology  
(University of Applied Sciences, University)

Qualification: Technical baccalaureat diploma, German university entrance diploma, engineering certificate or master craftsman diploma in a technical field of study  
Duration of study: 6-8 semesters

### Overview of study course

The course of study includes a scientific instruction in electrical engineering, data processing, mathematics and physics. You will learn methods of programming system processes.

At university you will attend lectures, seminars and practical exercises in the following mandatory and optional subjects, for example: mathematics, physics, electrical engineering, data processing, instrumentation & control engineering, digital technology, measurement technology, power electronics, microcomputer, electrical drive and industrial communications technology.

Furthermore, you will work in a project team and take part in excursions such as plant inspections.

You will complete any internships not integrated in the study course during the semester breaks or before commencing the course.

### Typical job description

With the focus on automation technology, electrical engineers develop and support systems that automatically control and adjust technical processes.

In the process, they use measuring and control systems and build programmable controllers or process control systems, for example.

Automation technology engineers are responsible for providing support to complex automation solutions from the project planning stage through assembly and startup, and then monitor operations.

In doing so, they ensure that mechanical components, measurement technology, control instruments and computer-aided data processing systems work together smoothly on all levels. They develop suitable hard and software components.

They also play a part in product development and sales, advise customers on the technical aspects, work in process engineering, quality control and in the company's organization.

### Places of study

University  
University of Applied Sciences

### Are you interested?

If so, please send your complete written application to the address shown below. Should you have any queries, please call 02755-89105 for further information.

### OTTO GmbH & Co. KG

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