This degree program combines the fields of education and technology and prepares you for a career as a teacher or trainer in technical professions. You will not only acquire sound knowledge in technical subjects, but also in the didactics and methodology of teaching knowledge and skills. The focus is on imparting practice-oriented knowledge in order to prepare future specialists for their professional activities in the best possible way.
The bachelor's degree program teaches broad basic engineering knowledge. The program is divided into a two-semester basic section and the bachelor's phase of four semesters.
Fundamentals and orientation phase: 1st-2nd semester
In the first two semesters, the basic mathematical, scientific and technical subjects are offered and the basics in the area of professional pedagogy and moderation and presentation techniques are taught.
A Fundamentals and Orientation Examination (GOP) must be completed by the end of the third semester. The GOP comprises the following modules:
Electrical engineering and information technology field of study:
Metal Technology Field of Study:
Bachelor phase: 3rd-6th semester
In the further course of the bachelor's program, a broad basis of knowledge of the various electrotechnical or metal-technical subjects is imparted. These are supplemented by extensive introduction to didactics and school practice and by modules from the chosen second subject. The following subjects can be chosen as a second subject:
An application for another second subject can also be submitted to the Study Commission for Vocational Education. A total of 25 ECTS must be earned in the Bachelor's degree and 45 ECTS in the Master's degree from the second subject according to the respective module handbook.
Vocational pedagogical contents
The focus of vocational pedagogy is on didactics, i.e. the vocational pedagogical theory of teaching and learning. This is supplemented by training in presentation and moderation techniques, seminars on vocational pedagogy, further in-depth seminars and internships at schools. The vocational pedagogical content is based on the core content of the Bachelor's/Master's degree program in economics with a focus on business and industrial pedagogy.
In the Bachelor's thesis, students should prove that they are able to work independently on a problem using scientific methods within a specified period of time and to present the results in an appropriate manner. The bachelor thesis is assessed with 10 ECTS credits, the standard processing time is five months.
Internships
Bewerbung für zulassungsfreie Studiengänge
#FAUtogether
FAU - Moving Knowledge
Either electrical engineering and information technology or metal technology can be chosen as a field of study. In the bachelor's degree, the basic and in-depth electrical engineering or metal technology training takes on a high priority. In the Master's program, the focus is on the second subject (e.g. computer science, sports, etc.) and educational sciences.
The Master's degree is equivalent to the 1st teaching degree for vocational schools if evidence is provided of at least 1 year of professional internship or completed relevant professional training. For the acquisition of the career qualification, the preparatory service/referendariat for the teaching profession at vocational schools must also be successfully completed, which concludes with the Second State Examination.
The standard period of study for the Bachelor's degree is six semesters.

The course of study is divided into modules, which are assessed with ECTS credits. A module is a teaching and learning unit that is continuous and self-contained. The modules conclude with a module examination during the course of study. ECTS points are only awarded for successful participation in modules, which is determined on the basis of independently performed, definable achievements in a module examination. The number of ETCS points required for successful completion – the organization of studies and examinations is based on the European Credit Transfer and Accumulation System (ECTS) – is 180 ECTS points in the Bachelor's program.
The exact examination regulations can be found in the study and examination regulations or the subject examination regulations Vocational Education Technology: Study Statutes
Two fields of study:
Study contents Electrical and Information Engineering:
Study contents Metal technology:
The consecutive bachelor's and master's degree enables students to work in the civil service at various vocational schools after completing their teacher training, e.g.
At the same time, however, it is also conceivable, possibly already after the bachelor's degree, to work in the private sector or in organizations and trade associations as a training consultant or in the development of modern training media.
30.09.
The application deadline for the winter semester for international applicants is July 15th.
In addition to the general qualification for university entrance (Abitur), there are other access options for studying at FAU.
Our Student Advice and Career Service (IBZ) is the central point of contact for all questions about studying and starting a degree programme. Our Student Service Centres and subject advisors support you in planning your studies.

Degree: Bachelor of Science (B.Sc.)
Duration of studies in semester: 6
Start of degree program: Winter semester
Study location: Erlangen, Nuremberg
Number of students: 50-150
Subject group: Engineering sciences
Special ways to study: 1-subject Bachelor
Teaching language: completely in German
Admission Requirements: No Admissions Restrictions
Admission requirements (first semester): No Admissions Restrictions
Application deadline winter semester: 30.09.
German language skills for international applicants: DSH 2 or equivalent
Details and notes: The application deadline for the winter semester for international applicants is July 15th.
In addition to the general qualification for university entrance (Abitur), there are other access options for studying at FAU.