

This master's degree program is aimed at graduates of a technical or pedagogical bachelor's degree program who would like to deepen and expand their knowledge and skills in vocational pedagogy. The focus is on imparting practice-oriented knowledge and developing innovative teaching and learning concepts in order to best prepare future specialists for their professional activities. You will not only acquire a sound knowledge of technical subjects, but also of the didactics and methodology of teaching knowledge and skills. With this master's degree, you are ideally equipped for a career as a teacher or trainer in technical professions or as a specialist in vocational training research and development.

The master's degree program in Vocational Education Technology builds consecutively on the bachelor's degree program in Vocational Education Technology. The standard period of study is 4 semesters.

In the master's degree program, the focus is on the second subject and vocational pedagogy. You can set your own focus in the chosen subject science. The concept of university schools promotes a comprehensive, conceptual examination of professional practice. The examination of the special didactics of the subject science and own experiences at a vocational school in the surrounding area are of great importance.

The master's degree is equivalent to the first teaching examination (1st state examination) for vocational schools if evidence is provided of at least one year of professional internship or completed relevant vocational training. For the acquisition of the career qualification, the traineeship for the teaching profession at vocational schools must also be successfully completed, which concludes with the 2nd state examination.

The following majors are available for selection in the master's program: Other second subjects may be approved upon application.

In the master's degree, there are elective options from a wide range of specializations in each major.

**Educational sciences:** The focus of vocational education is on didactics, i.e. the vocational theory of teaching and learning. This is supplemented by seminars on vocational pedagogy, further in-depth seminars and internships at schools. Furthermore, in-company training and further education are also thought through and students receive training in research methodology.

**Second subject:** In the Master's degree, 45 ECTS points of the chosen second subject (mathematics, physics, computer science, sports, German, English, Protestant religion, electrical engineering and information technology, metal technology, ethics, professional language German) must be earned. The study plan is based on the requirements of the subject, more information on the homepage of the study program.

The master's degree program consists of the following modules:

With the Master's thesis, students should demonstrate that they are able to work on a problem from their subject independently and according to scientific methods within a given period of time. The completion period is six months. The master thesis is assessed with 20 ECTS credits.

120 ECTS points are required for successful completion of the master's program.

The Bachelor's degree in Vocational Education Technology is a prerequisite for admission. Cross-entry into the Master's in Vocational Education is also possible with a completed Bachelor's, Master's or Diploma degree in Mechanical Engineering, Mechatronics, Automation Engineering or Electrical Engineering and Information Technology. Cross-entry with a bachelor's degree in industrial engineering may also be possible. The master's degree is then extended by up to two semesters due to requirements from pedagogy and the second subject.

The admission requirement is a subject-specific bachelor's degree in Germany or abroad with 120 ECTS and a grade of 2.5, completed with above-average success.

a.) Consecutive course of studies / subject-specific bachelor's degree  
Vocational Education Technology

b.) Subject-related Bachelor's degree / access to Master's degree  
possible with conditions

The Master of Science (M.Sc.) is an internationally recognized scientific university degree that qualifies students for a profession. Only with the Master's degree (M.Sc.) can graduates enter the preparatory service (Referendariat), the completion of which entitles them to work as a teacher at a vocational school.

15.07.

15.01.

The prerequisite for application is a bachelor's degree in vocational education in technology or vocational education in electrical engineering and information technology. Applicants with other degrees (e.g. in mechanical engineering, mechatronics or electrical engineering) may be admitted with conditions as part of the qualification assessment procedure.

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: Master of Science

Duration of studies in semester: 4

Start of degree program: Summer semester, Winter semester

Study location: Erlangen, Nuremberg

Number of students: 50-150

Subject group: Engineering sciences

Special ways to study: Part-time degree program

Teaching language: completely in German

Admission Requirements: Qualification assessment

Admission requirements (first semester): Qualification assessment

Application deadline winter semester: 15.07.

Application deadline summer semester: 15.01.

Content-related admission requirements: The prerequisite for application is a bachelor's degree in vocational education in technology or vocational education in electrical engineering and information technology. Applicants with other degrees (e.g. in mechanical engineering, mechatronics or electrical engineering) may be admitted with conditions as part of the qualification assessment procedure.

German language skills for international applicants: DSH 2 or equivalent