

## Study at the Universität der Bundeswehr München

### Application Process

The primary purpose of the Universität der Bundeswehr München, established in 1973, is to provide officers and officer candidates with a thorough university-level education. The prerequisite for study here is a high-school or "A-level" diploma (*Hochschulreife* or *Fachhochschulreife*) that is recognized in Bavaria. The application process for study at the Universität der Bundeswehr München is carried out at the Center for Reviewing Officer Applicants (*Offizierbewerberprüfzentrale*) in Cologne. If you are interested in applying, your local Armed Forces counsellor can provide you with all of the necessary documents. Candidates are required to take a two-day aptitude test at the Center for Reviewing Officer Applicants, in which they are challenged both mentally and physically. The period of study comprises an integral part of an officer's education, and the standard period of military service is 13 years.

### Courses Offered

The Universität der Bundeswehr München is divided into a University and a College of Applied Sciences (*Fachhochschule*). The degrees awarded here are recognized to be on equal standing with those from national universities in Germany. The courses offered at the University are constantly being updated and developed. Our aim is to ensure that our students receive the best education possible, thus presenting them with the opportunity to successfully pursue a career in the armed forces or in the private sector. Further details can be found at [www.unibw.de/studium](http://www.unibw.de/studium)

The following programs of study are currently offered:

#### College of Applied Sciences

- Computer Engineering & Communications Technology
- Mechanical Engineering
- Computer Aided Engineering
- Business Studies

#### The University

- Civil Engineering & Environmental Studies
- Electrical Engineering & Information Technology
- Computer Science
- Aerospace Engineering
- Political Science & Social Sciences
- Systems Analysis
- Economics & Organizational Sciences
- Education
- Physical Education

### The Campus

The Universität der Bundeswehr München is one of the few campus universities in Germany. Everything one needs for study, teaching, and research can be found directly on the campus, which has a total area of around 140 hectares. Most students live in their own dormitory rooms on campus, and none of the lecture halls are more than a ten-minute walk away. Having the excellent libraries, computer center, and laboratories so close at hand simplifies day-to-day life and contributes to an effective learning environment. At the Universität der Bundeswehr München, the academic year is divided using the trimester system, which enables intensive study. Lectures are held from October to June, and in the period of July to September students are free to complete coursework or final projects, or to take part in internships. Research and teaching are not restricted at the Universität der Bundeswehr München, and our first-class scientific facilities provide our researchers with nearly ideal working conditions.

## **Bachelor's and Master's Degrees**

Beginning in the fall trimester of 2007, study at the University has been organized according to the standards laid down in the Bologna Process. Instead of the system that has traditionally been used at German universities, programs of study will now be divided into bachelor's and master's programs.

For the programs of study offered at the university, the standard period of study is three years for a bachelor's degree, and it is possible for exceptional students to finish two trimesters sooner. The transition to the master's program occurs at the end of the seventh trimester. The period of study for a master's program is five trimesters, so that our students can be awarded master's degrees within four years.

The standard period of study for programs of study at the College of Applied Science is also three years. In these programs it is also possible to finish sooner. Here the transition from bachelor's to master's occurs at the end of the ninth trimester. Master's degrees can thus also be obtained from the College of Applied Science within four years.

## **Transfer of Course Credits (ECTS)**

The abbreviation ECTS stands for the "European Credit Transfer and Accumulation System". The ECTS point system is used to document the workload of each student. One ECTS point is equivalent to an average workload of 30 hours, including time spent in lectures, tutorials, seminars, etc., and time spent on preparation and review. The ECTS point system is a strictly quantitative system and reveals nothing about the students' performance. Performance is indicated by the grade assigned to the student.

In the programs of study offered at the University, bachelor's programs comprise 180 ECTS points and master's programs comprise 120. In the programs of study offered at the College of Applied Sciences (*FH*), bachelor's programs require 210 ECTS points and master's programs comprise 90. Thus programs of study in both divisions of the Universität der Bundeswehr München (University and College of Applied Sciences) require a total of 300 ECTS points. Details and special features relating to the student's particular program of study are then documented in a separate "Diploma Supplement".

## **Modules and Examination System**

The bachelor's and master's programs are based on modules. A module is an academic unit, fixed on the basis of content and duration, which may include multiple courses. ECTS points for a module are distributed according to the "all-or-nothing" principle: full points are awarded for a grade of "4,0" or better, and no points are awarded for any grade below this, in which case the student must repeat the module. In contrast to the old examination system used at German universities (which revolved around two crucial examination periods), tests are now administered throughout the bachelor's and master's programs. A module examination, the material of which can be taken from one or more courses, always relates to the subject matter presented in that particular module. A "progress diagram" indicating the number of ECTS points required each quarter enables our students to keep track of their progress.

## **Interdisciplinary Supplementary Program, "studium plus"**

Alongside their studies, students of the University also participate in a supplementary program referred to as "studium plus". In the course of these seminars, students gain insight into methods and approaches utilized in other subject areas as well as valuable key qualifications for their future careers. The aim of the program is to enrich the students' ability to analyze, plan, make responsible decisions, and implement these decisions in the best way possible.