

The computer science/IT security degree program imparts a broad range of knowledge and skills to design complex IT systems securely, respond to attacks and develop innovative solutions. Students learn programming and network technologies, algorithms, data structures and databases as well as the basics of cryptography and IT law.

There is an enormous shortage of academically trained IT security specialists in Germany. At the same time, the need for secure information technology systems is growing. Recurring security problems of systems in use show that there is often a lack of effective measures to secure them. This is where you come in as an expert for IT security! The part-time distance learning program provides in-depth knowledge in the field of IT security at the highest level and puts you in a position to ward off the many security threats to which IT systems can be exposed. With the part-time bachelor's degree program in computer science/IT security, you will receive first-class research-oriented further qualifications for your individual career in IT security - and you can do this flexibly via distance learning alongside your job.

Bewerbung für zulassungsfreie Studiengänge

#FAUtogether

FAU - Moving Knowledge

The part-time computer science/IT security program comprises a total of nine semesters. The program starts in the winter semester. You will receive a Bachelor of Science degree.

For flexible and location-independent learning, you can expect a special concept as part of the blended learning format. You will receive study letters during your studies. These study letters contain the learning material in the form of didactically prepared study texts with exercises for self-monitoring and submission. We also offer online seminars to support you. In these, you can listen to lectures, for example, but tools are also presented and exercises discussed. In general, you can discuss current issues with lecturers or tutors in the online seminars. As a rule, 8 online seminars are offered per module. Participation in the online seminars is generally not obligatory. All online seminars are recorded and are subsequently available via a learning platform. In addition to the online seminars, most of the modules also offer a face-to-face event, which generally takes place on a weekend during the semester. The attendance phases serve to apply and deepen the acquired knowledge in lectures, exercises and group work.

FAU runs the program together with several partner universities. The attendance weekend for a module takes place at the respective university offering the course, i.e. in Erlangen, Bochum, Darmstadt, Berlin or Offenburg. A good third of the attendance weekends take place in Erlangen, but this does not give Erlangen a significant advantage as a place of residence.

At the end of each semester, the final module examinations take place. If they are written examinations, these are also conducted in presence.

Exams can usually be written at the following locations: Berlin, Bochum, Darmstadt, Erlangen, Kiel and Offenburg. You can choose the location that is most convenient for you at the moment.

In terms of content, you can expect various modules in the field of computer science and IT security, a project, two seminars and the bachelor thesis.

In this part-time bachelor's degree program, you have the opportunity to set individual content priorities in the field of IT security within the elective area. In this way, you already set the direction for your subsequent professional career during your studies. Twelve elective modules are regularly offered, six of which you must complete. The range of elective modules is dynamic, i.e. new elective modules may well be added if interesting topics arise in the field of IT security:

The part-time degree program is just right for you if you are interested in IT security or IT in general, or if you are already working in the IT field and want to obtain an academic university degree part-time. An optimal learning mix of online and face-to-face phases as well as study letters for self-study makes it easier for you to combine your studies with your job and family. With this know-how under your belt, you can immediately apply what you have learned in your professional life and identify and solve practical problems – in short, a career as a sought-after expert in IT security awaits you.

Of course, you can also study the course “classically”, e.g. immediately after your Abitur. Work experience is not a necessary condition for participation in the degree program. The reasons for choosing a part-time course of study can vary greatly from person to person.

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: 9

Start of degree program: Winter semester

Study location: Erlangen

Number of students: 50-150

Subject group: Engineering sciences

Special ways to study: 1-subject Bachelor, Professional development program

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.

Degree Program Fees: You can find an overview on our website