



Friedrich-Alexander-Universität
Erlangen-Nürnberg

Bachelor | Master

Computational Engineering



ce.studium.fau.eu

PROGRAMME

Computational Engineering

PROGRAMME DURATION

Bachelor of Science: 6 semesters

Master of Science: 4 semesters

ADMISSION REQUIREMENTS

> Master: Completion of an excellent Bachelor's degree or a corresponding qualification in Computer Science, in a related scientific or technical field, or in Mathematics. English B2

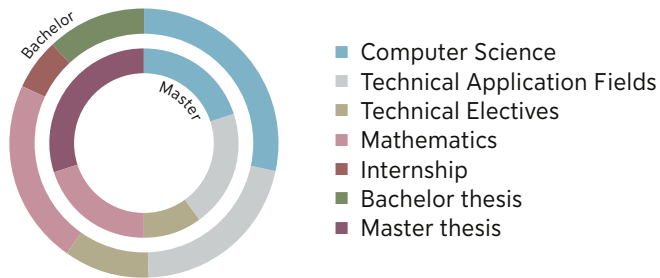
CAREER PROSPECTS

After completing their studies, graduates have excellent career opportunities in many industries like the software industry and automotive, chemical and aerospace industries where computer-aided processes are indispensable.

INDIVIDUAL STUDYPLAN

Computational Engineering offers a number of specialization areas like Mechatronics, Computational Optics, Information Technology, etc., called Technical Application Fields (TAF).

SUBJECTS IN BACHELOR AND MASTER STUDY



BRIDGING THE GAP BETWEEN THE DISCIPLINES

- > The Bachelor's degree normally takes six semesters to obtain. The programme is open to anyone with the German high school degree. Besides the sections Mathematics, Computer Science, and Technical Application Field (TAF), students have the opportunity to customise their studies individually with the Elective Technical Subjects. An industrial internship is mandatory to guarantee a balance between education and hands on experience.
- > The Master's programme is international and offered in English. The horizontal structure of the programme consists of the three sections Mathematics, Computer Science and Technical Application Field (TAF). Generally, admission to the Master's programme requires an above average Bachelor or higher degree in a related field.