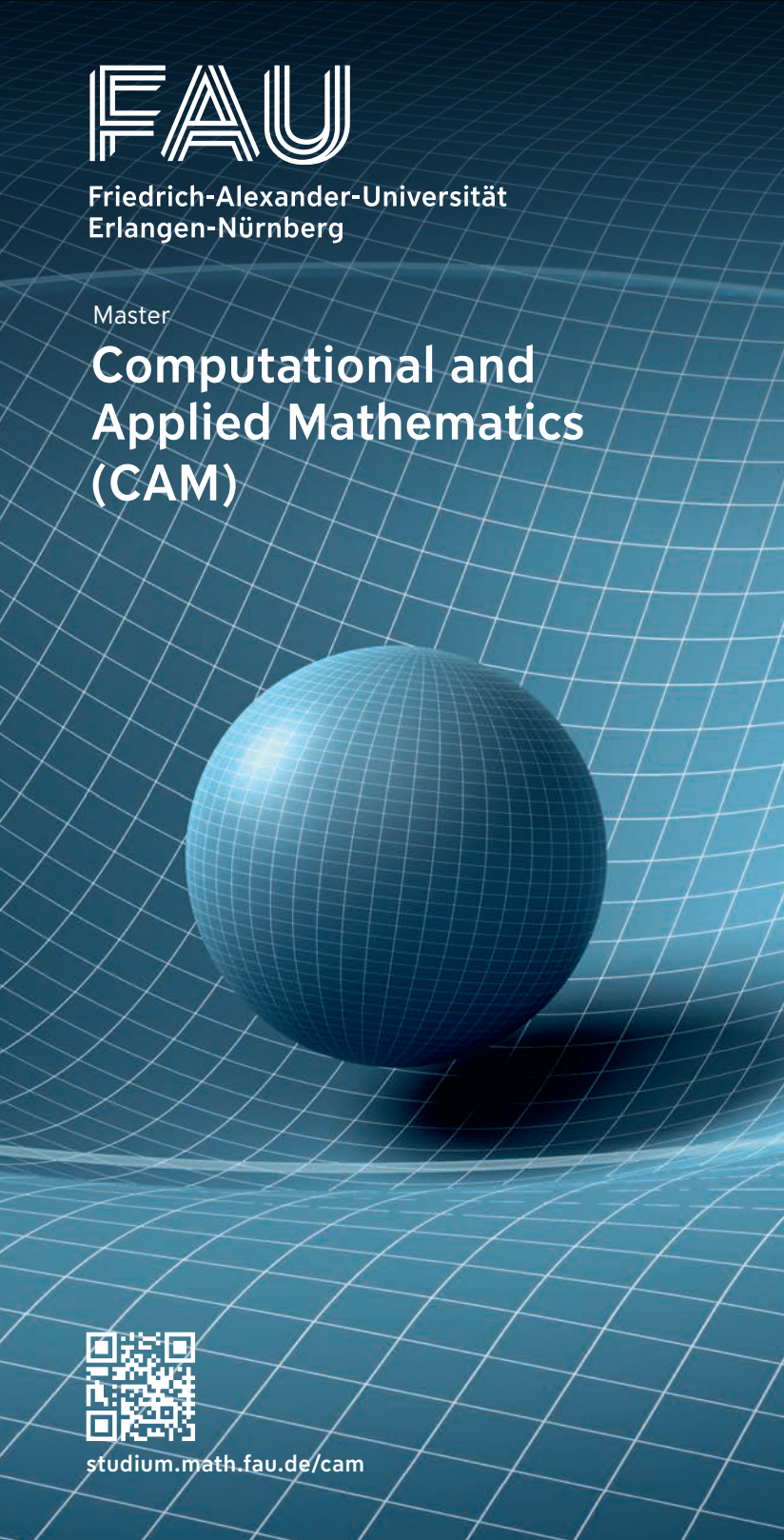
FAU

Friedrich-Alexander-Universität
Erlangen-Nürnberg

Master

Computational and Applied Mathematics (CAM)



studium.math.fau.de/cam

PROGRAMME

Computational and Applied Mathematics (CAM)

PROGRAMME DURATION

Master: 4 Semesters (Master of Science), starting in the summer and winter semester

ADMISSION REQUIREMENTS

a BSc with at least 45 ECTS mathematics, English language skills B2

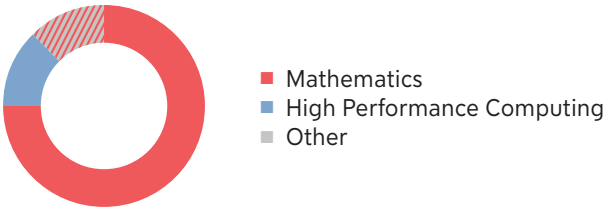
CAREER PROSPECTS

Research and development in business and industry (automotive industry, electrical industry, machine building industry), software industry, consulting, banking and financial industry and academia

INDIVIDUAL STUDYPLAN

Specialization in two of the three fields: Modeling and Applied Analysis, Numerical Analysis and Simulation, Optimization

SUBJECTS IN MASTER STUDY



WHAT WE OFFER AND WHAT STUDENTS SHOULD BE INTERESTED IN

This degree programme is tailored to the current needs in applied mathematics and scientific computing. It is designed for students who appreciate to use rigorous mathematical analysis or scientific computing to predict phenomena or to optimize processes in the sciences or in engineering.

The courses are taught in English. Thus the programme addresses students from all over the world who wish to acquire not only the mathematical knowledge, but also the cultural and communication skills needed for attractive employment options on the international level both in industry and in academia.

What we offer:

> Innovative teaching concept and extensive range of courses.
> The students may also attend a certain number of modules chosen from the entire portfolio of FAU on the master level.
> Advice and support throughout your studies.

What you should bring with you:

> Basic knowledge of partial differential equations and functional analysis.