FAU

**Friedrich-Alexander-Universität
Erlangen-Nürnberg**

Master
Artificial Intelligence

Artificial Intelligence

PROGRAMME DURATION

Master of Science: 4 semesters

ADMISSION REQUIREMENTS

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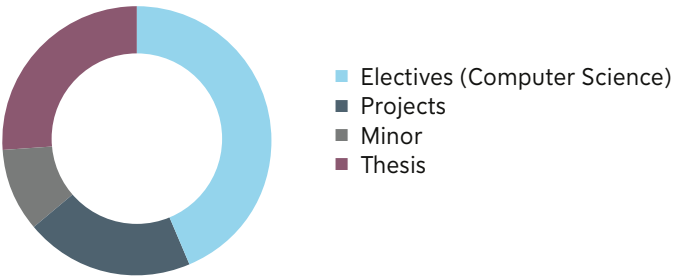> CEFR level B2 or equivalent

CAREER PROSPECTS

The university is situated in the Metropolitan Region of Nurem-
berg, dominated by innovative industries like Siemens, Audi,
Adidas, Schaeffler etc., always seeking for AI-trained graduates.

INDIVIDUAL STUDY PROGRESSION

The elective courses in this Master's programme are central
around the three thematic pillars: Symbolic AI, Subsymbolic
AI and AI systems and applications along with a minor as well
as projects and seminars.

SUBJECTS IN MASTER STUDY

- Electives (Computer Science)
- Projects
- Minor
- Thesis

MAKING MACHINES THINK!

The Master's programme AI at FAU is designed to give graduates
a solid understanding of the deep and well-founded academic
methodologies of artificial intelligence, their broad in applications
and intersections with other/related scientific fields. The Master's
programme offers a broad variety of topics and specializations as
well as a wide range of applications. Our research groups in the
Department of Computer Science provides broad opportunities
for "hands-on" project work and practical sessions. In contrast to
Data Science oriented programmes, AI focuses on the constructi-
ve modelling and implementation of algorithms, data structures,
neural networks and their respective applications. The program-
me takes a minimum of four semesters. During the last semester,
the students will write their Master's thesis, which further streng-
thens their abilities for doing scientific research at the university.