Master

Artificial Intelligence

ai.study.fau.eu
**PROGRAMME**

**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 Nuremberg, 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 constructive modelling and implementation of algorithms, data structures, neural networks and their respective applications. The programme takes a minimum of four semesters. During the last semester, the students will write their Master’s thesis, which further strengthens their abilities for doing scientific research at the university.