



Educational and Professional Program

Intelligent Data Analysis

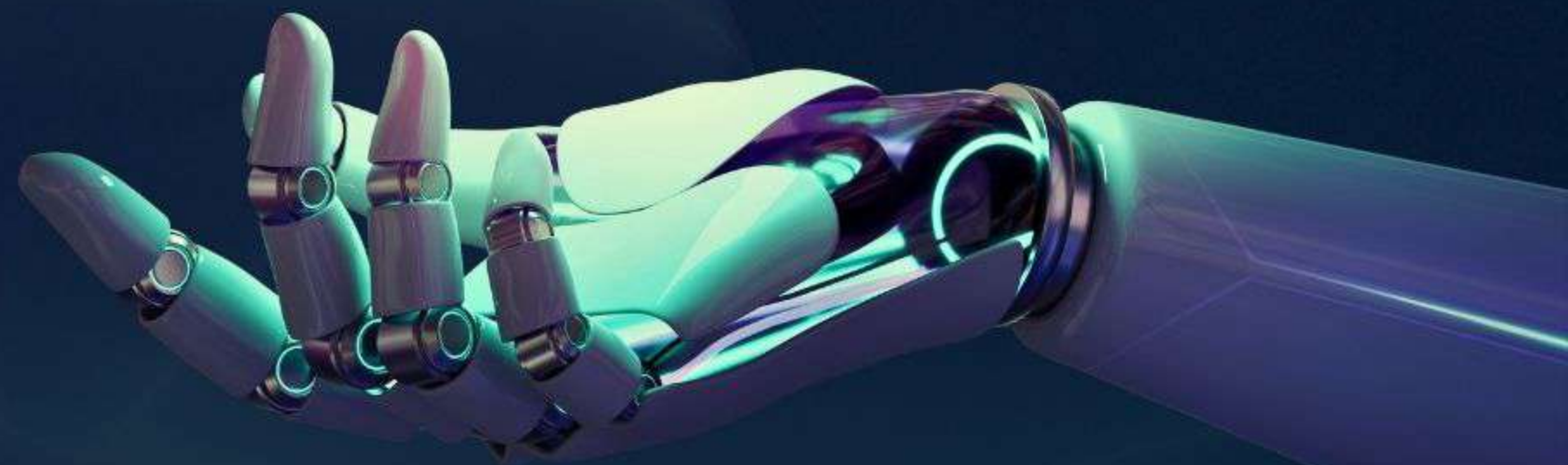
specialty F1

Applied Mathematics

Degree awarded: Bachelor of Science (BSc)

**The main advantage of the
department:**

**students support computer science
knowledge is required combined with
fundamental mathematics**



EDUCATIONAL TRAJECTORIES

Data Analysis in Business Processes

Artificial Intelligence in Business Analysis

Business Intelligence, Risk Management, Data-driven Decision-making

Artificial Intelligence in Data Analysis

Artificial Intelligence in Word Processing

Natural language Processing , Generative Language Models, Large Language Models, Knowledge Bases

Artificial Intelligence in Signal and Image Processing

Signal Processing, Computer Vision, Deep Learning, Big Data

Data Analysis in Cybersecurity.

Artificial Intelligence in Cybersecurity

Cyber intelligence, Cryptanalysis, Cryptography, Cyber Crime Investigation,
Blockchain Technology & Cryptocurrencies

ADVANTAGES OF THE DEPARTMENT IN THE EDUCATIONAL PROCESS

The educational program is coordinated with the world's leading universities

Our students can easily continue their studies anywhere

Academic mobility

Participation of students in the Erasmus+ program with the University of Applied Sciences
Würzburg-Schweinfurt

Project-based learning

Allows students to practice their knowledge by creating their own projects

Dual education

Students' training is partially carried out in IT companies - partners of the department

Special training in Artificial Intelligence, Data Analysis and Processing

A stable basis for successful work in the field of research, participation in the implementation of high-tech projects, Creation of startups

Preparation for participation in international Olympiads

Inquiry-based learning

Allows students to practice their knowledge by creating their own projects

Contact Us

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