

 **30%**

Scholarship Available

OVGU | In collab with S next

M.Sc. | AI & Engineering for Medical Applications

In collaboration with Otto-von-Guericke-Universität Magdeburg (OVGU),
bringing cutting-edge AI programs for the future of medical technology.

Terms & Conditions Apply*



Empowering the Future of AI in Healthcare

The M.Sc. AI & Engineering for Medical Applications at Otto-von-Guericke-Universität Magdeburg (OVGU) offers a cutting-edge interdisciplinary approach to train the next generation of AI professionals for medical applications.

 **\$187 Billion**

Projected global AI in healthcare market by 2030.

 **30%**

Potential cost reduction in healthcare using AI

 **85%**

Percentage of healthcare organizations investing in AI technologies.

 **40%**

Increase in diagnostic accuracy with AI-powered tools.



Program Overview



University
Otto-von-Guericke-Universität Magdeburg



Degree
Master of Science



Location
Magdeburg (Option 1st Semester Online)



Credit
120 ECTS



Duration
24 Months



Study Type
Full Time



Language
English



Intake
October 2025

Tuition Fees

Inclusive of deutschland ticket for free mobility in Germany

Per Semester	Per Year	Total Payment
EUR 5,950.00	EUR 11,900.00	EUR 23,800.00

Scholarships available , up to 30% for first Intake. **16,660 EUR** after scholarship.



Key Modules Overview

Year 1 (Fundamentals):

- Foundations of Artificial Intelligence
- Medical Imaging Technology
- Programming for AI Applications
- Medical Data Processing

Year 2 (Specializations):

- Advanced AI in Diagnostics
- AI Applications in Medical Devices
- Research Methodologies
- Capstone Project or Internship

Students will engage in practical projects and internships, providing real-world exposure to AI technologies in the healthcare sector.



Why choose this program?

-  Cutting-Edge Curriculum
-  Global Career Opportunities
-  World-Class Faculty
-  Flexible Study Options
-  Scholarships Available

Admission Requirements

What are the requirements to enroll?



Bachelor's Degree (180 ECTS, 3 years) in related fields

Medical Technologies, Electrical Engineering, Information Technologies, Computer Science, Physics, Mathematical Engineering or Other closely related subject



English Proficiency – Minimum B2 level



Minimum GPA – 2.5 (Bavarian conversion)



Online Entry Test



Work Experience – 1 year (including internships)

Specific ECTS Requirement



Mathematics: 15-20 ECTS



Physics/Medical Physics: 5-15 ECTS



Electrical Engineering/IT: 15-20 ECTS



Computer Science/Programming: 10-15 ECTS



Anatomy/Physiology: 0-5 ECTS



These Companies are Actively Seeking Professionals With This Degree



Career Prospects

- Neuro Clinical Research and Development
- Telemedicine Specialist
- Medical Technology Sales Specialist
- CT/MR Systems Developer
- Medical AI Applications Software Developer
- Regulatory Affairs and Consulting
- Service Technician for Medical Technology

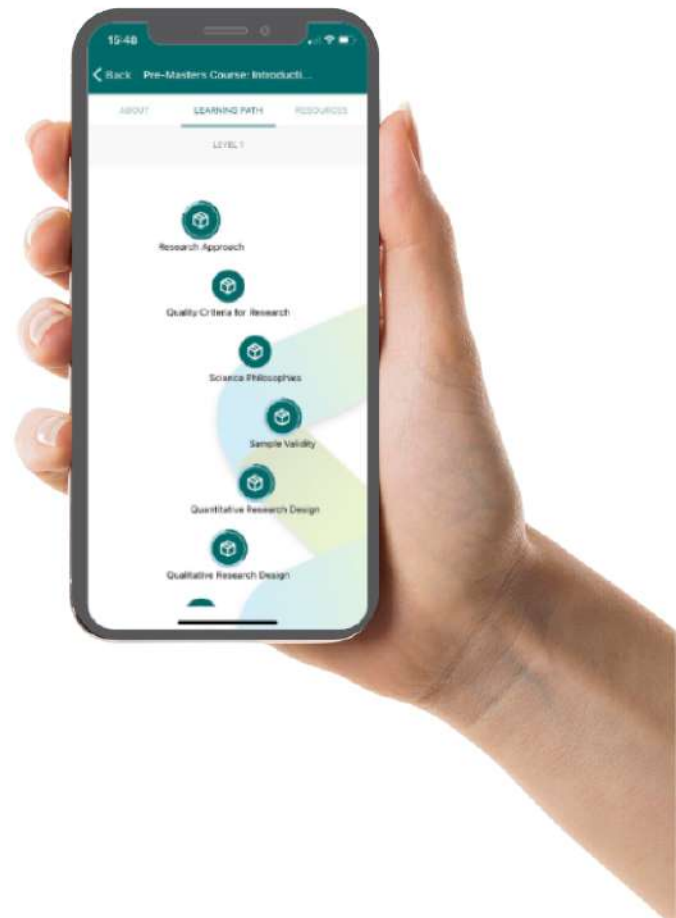
For Application Assistance :
Contact admissions@nikshala.com

The Insider Platform

Your gateway to smarter, flexible, and efficient learning.

The INSIDER Platform, developed by S-Next's CEO, Prof. Dr. Mario Vaupel, provides an efficient way for students to access modules, materials, and assignments. It also simplifies grading and evaluation for lecturers, enabling students to learn and progress from anywhere.

To enhance the experience, we launched a mobile and web app in February 2024, making it easier to access course modules via PC, tablet, or smartphone. The interface is intuitive and designed to guide students through their learning path with ease.



Getting to know

08 | M.Sc. in AI & Engineering for Medical Applications

CAMPUS LIFE

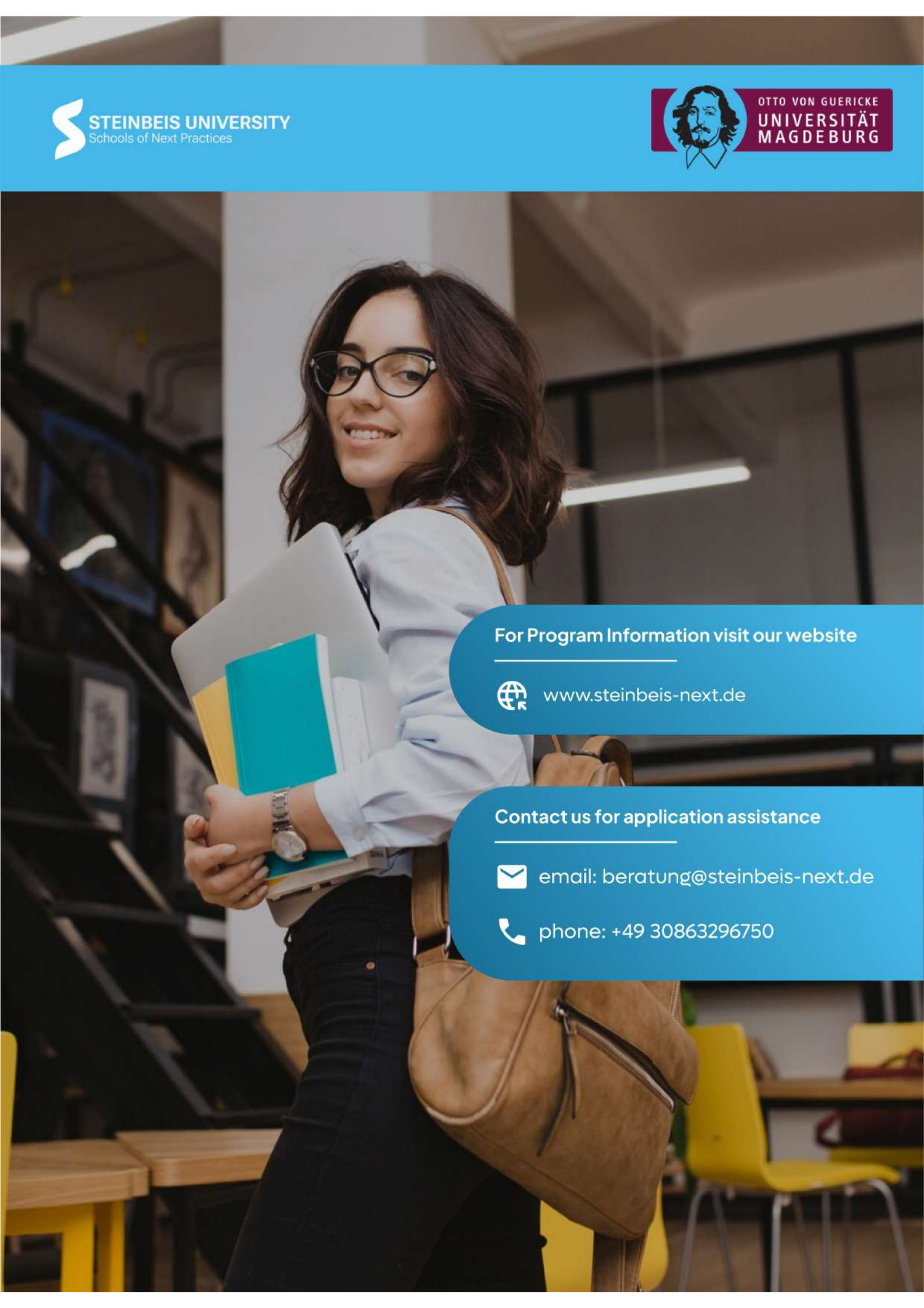
Campus Life



CAMPUS LIFE

Campus Life





For Program Information visit our website



www.steinbeis-next.de

Contact us for application assistance



email: beratung@steinbeis-next.de



phone: +49 30863296750