

Contact us for application assistance



m.foerster@steinbeis-next.de

 **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.



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



Degree
Master of Science



University
Otto-von-Guericke-Universität Magdeburg



Location
Magdeburg



Credit
120 ECTS



Language
English



Study Type
Full Time



Duration
24 Months



Intake
October 2025

Tuition Fees

Inclusive of deutchland 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. **16,600 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

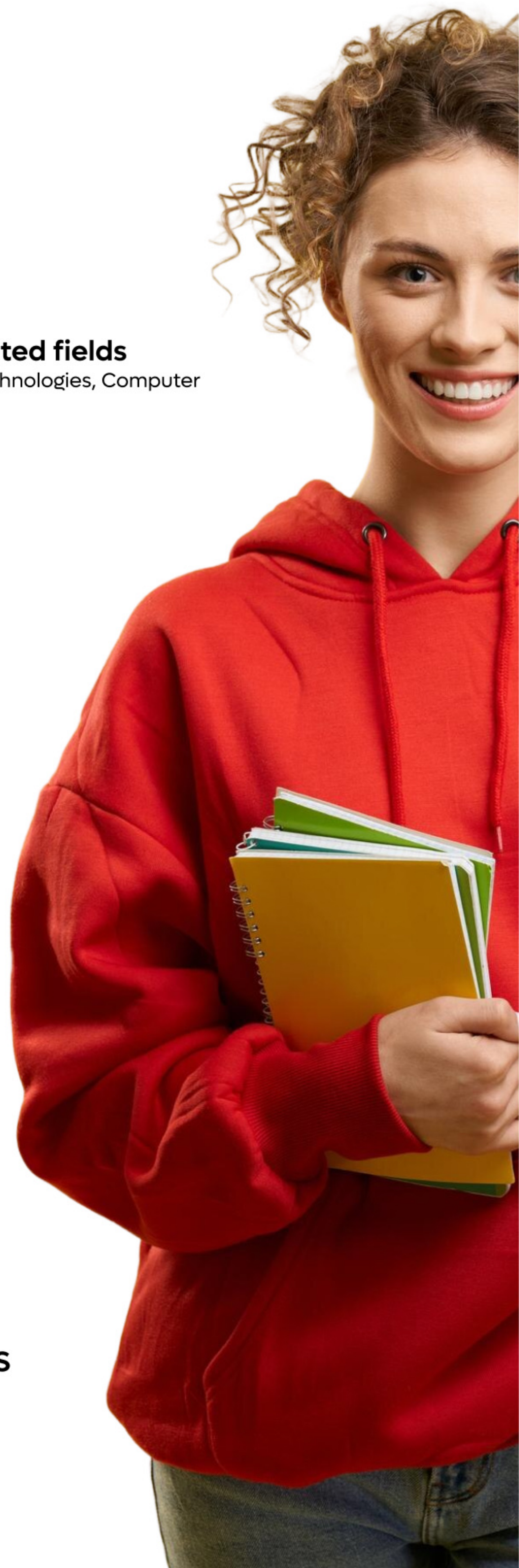
Admission Requirements

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

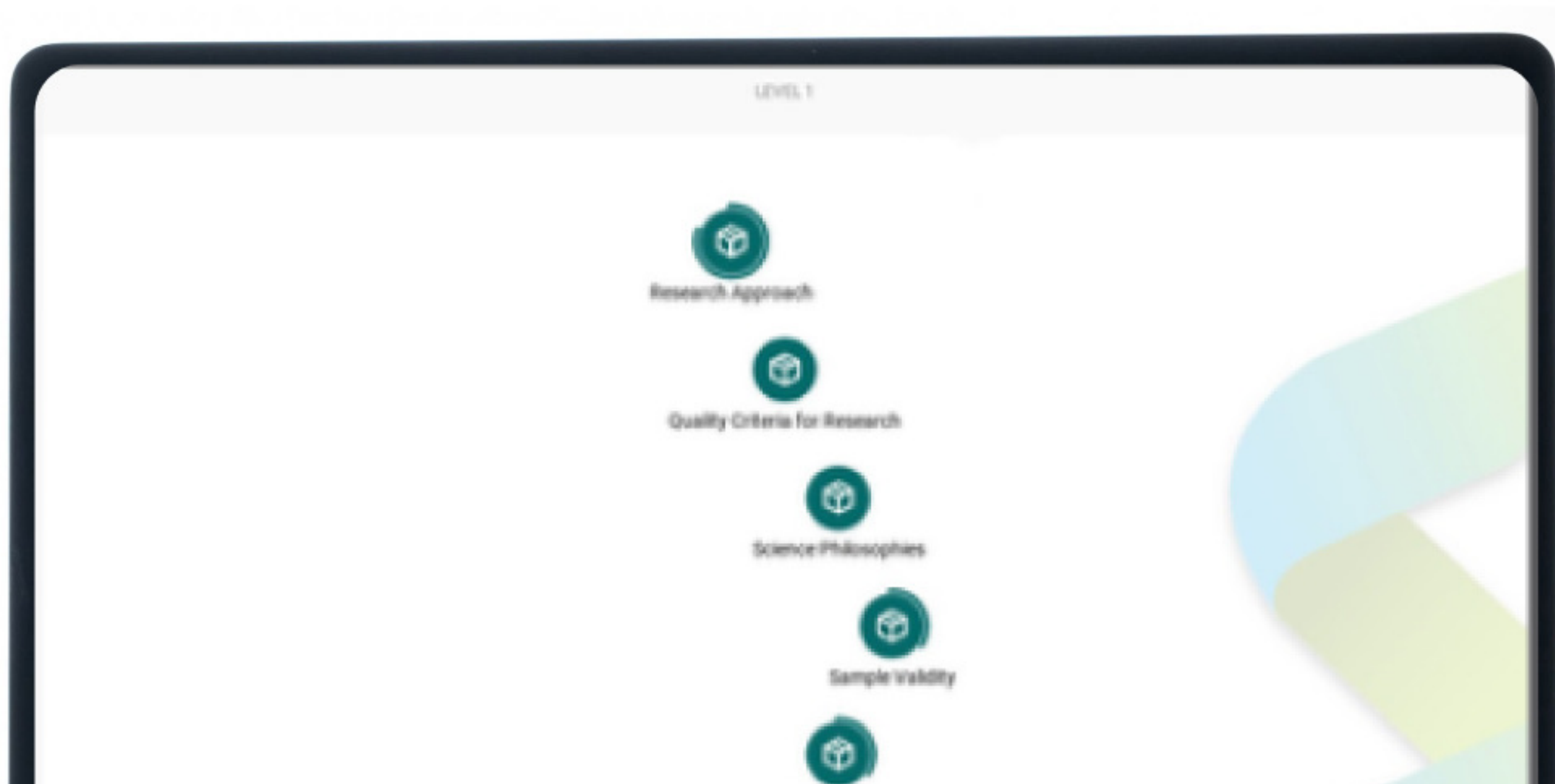
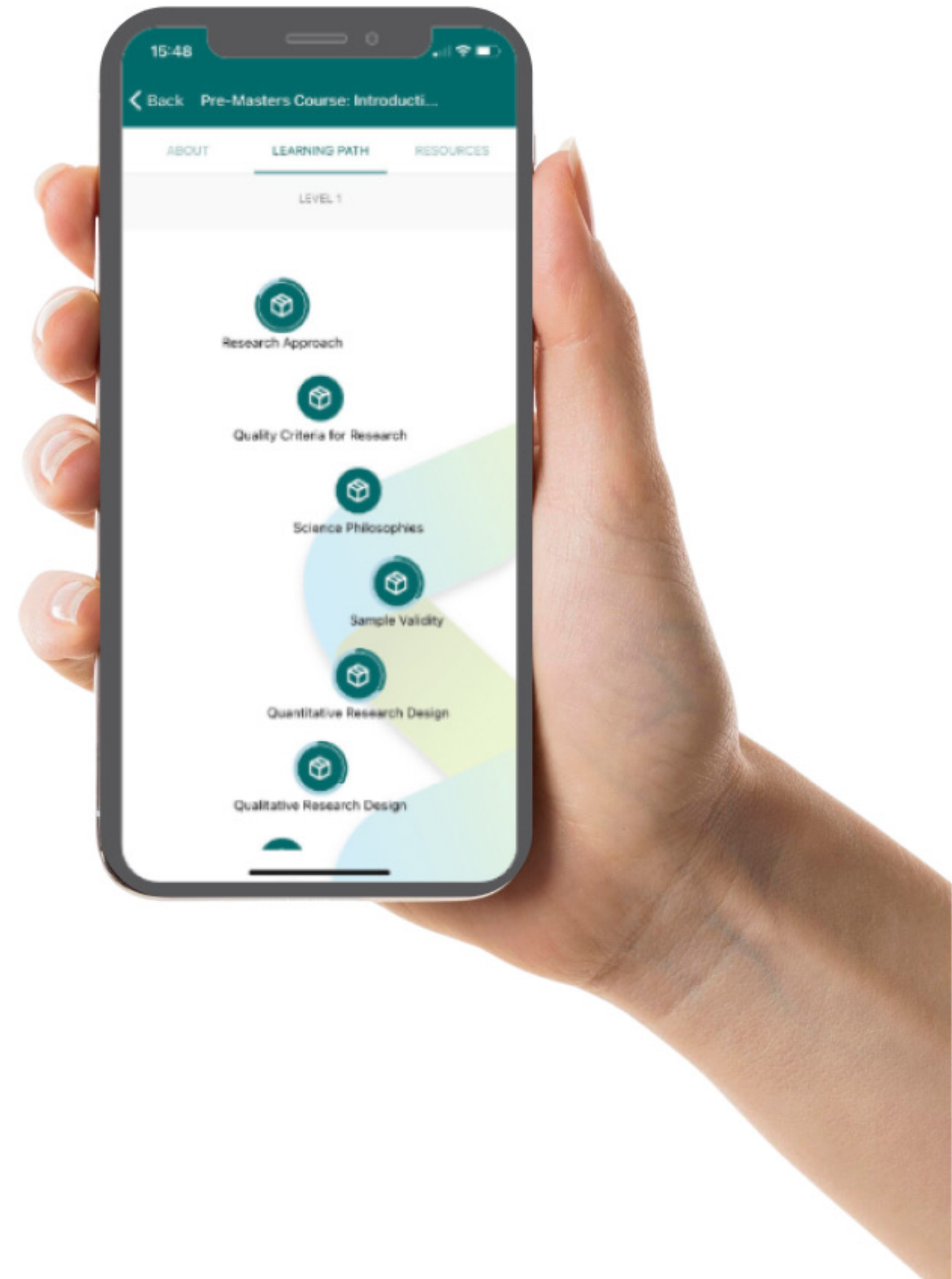
For Application Assistance :
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The Insider Platform

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.



OVGU Campus

Campus »Universitätsplatz«



Otto von Guericke University Magdeburg (OVGU) is located at Universitätsplatz in the vibrant city of Magdeburg. The prime location offers easy access to cultural attractions, public transport, and essential amenities, making it ideal for both study and leisure.

Getting to know

Magdeburg, the capital of Sachsen-Anhalt, is a historic and vibrant city known for its academic excellence and modern infrastructure. It is conveniently located near Berlin, with direct regional train connections making travel easy and efficient.



The city is well-connected with excellent **public transport** options, ensuring smooth travel within Magdeburg and to nearby cities like Berlin.

CAMPUS LIFE

Campus Life



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For Program Information



<https://www.steinbeis-next.de/master-ai-medical-technologies/>