

PhD – Doctor of Philosophy in Computer Science & Engineering

EIM offers a government-accredited and flexible PhD programme in Computer Science & Engineering for professionals in AI, Software Development, Data Science, and Technology Management who aim to advance innovative research and shape the future of digital innovation.

The logo for EIM (Education Innovation Management) features the lowercase letters 'eīm' in a white, sans-serif font. The 'i' has a dot that is a small circle. The background of the entire page is a dark blue gradient with abstract, glowing blue lines and dots, suggesting a digital or technological theme.

• CAREER-COMPATIBLE

• ACCREDITED

• INDIVIDUAL SUPERVISION

Artificial Intelligence, Machine Learning, Industry 5.0, Robotics, Blockchain, Cybersecurity, and autonomous systems are among the most influential disciplines of our time. The EIM PhD programme provides the academic framework to develop innovative research with direct practical relevance.

Your dissertation is aligned with your expertise, interests, and professional goals - without a predefined research agenda.

• ONLINE

• INDEPENDENT TOPIC CHOICE

• 36 MONTHS

— YOUR BENEFITS —



**Online
Doctorate**



**Individual
Supervision**



**Practice-Oriented
Research**



**Independent
Dissertation
Topic Choice**



**36-Month
Programme
Duration**



**Career-
Compatible
Studies**



**Strengthen Your
Professional
Profile and
Network**



**Government-
Accredited**

START DATES



New PhD classes begin at the start of each quarter.

January • April • July • October

ADMISSION REQUIREMENTS



Graduates with a master's degree from universities, universities of applied sciences, or universities of applied sciences and arts are eligible for admission.

The programme is suitable for computer scientists, engineers, and graduates from all related fields with a technical background.

CONTACT & NEXT STEPS



Contact Admissions to discuss your research topic and preferred start date.

Email & Website:

admission@eim.education

www.eim.education/doctoral-degrees/

WHAT CAN I RESEARCH?



You choose your dissertation topic freely. Your research project is aligned with current topics in Computer Science & Engineering as well as your professional goals.

Possible Research Areas:

- 1 AI and Machine Learning
- 2 Software Engineering
- 3 Cybersecurity
- 4 Cloud Computing
- 5 Computer Vision
- 6 NLP
- 7 Robotics
- 8 IoT
- 9 Data Science
- 10 High-Performance Computing
- 11 Automation
- 12 Ethics and Data Privacy

CAREER IN THE AGE OF AI

AI is transforming business, research, and technology. With a PhD in Computer Science & Engineering, you develop a strong research profile and position yourself for advanced roles in academia, industry, consulting, and digital transformation.

You pursue your doctorate online, work on your own research topic, and strengthen your expertise for careers in research, development, teaching, consulting, and digital transformation.

CAREER PROSPECTS



- R&D Director
- Entrepreneur
- Innovation Manager
- CTO
- Professor or Lecturer
- Development Engineer
- Technology Consultant

REQUIREMENTS

- Master's degree at MQF Level 7 or equivalent
- Academic background in computer science, engineering, natural sciences, or a related technology field
- English language proficiency
- Digital proficiency in online learning and research environments
- Strong self-motivation and the ability to work in a team

Don't meet all admission requirements?

Have your prior qualifications assessed through Recognition of Prior Learning (RPL).

PROGRAMME STRUCTURE

The PhD programme is fully online and can be completed on a full-time or part-time basis. It comprises three semesters per year.



Phase 1 – Research Foundations

You deepen your understanding of current research topics and advanced research methods in Computer Science & Engineering.



Phase 2 – Research Design

You refine your research question, define your area of focus, and develop your dissertation proposal.



Phase 3 – Research Outcomes

You conduct your original research, evaluate your findings, and finalize your dissertation.



In every phase, you receive individual supervision and structured online tutorials.

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My experience at EIM has been consistently positive and professional throughout the entire process – from onboarding to the actual study phases. I would especially like to highlight the professionalism of the EIM lecturers, who continuously guide me in the right direction and support me with their extensive experience in supervising doctoral candidates. This support is incredibly valuable and helps in navigating even challenging situations.



Sebastian
PhD Alumnus

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I highly value the flexibility that allows me to pursue my doctorate alongside my professional career, the individual supervision, and the opportunity to research and publish on current and relevant topics. The online format is ideal for busy professionals.



Rongrong
PhD Candidate

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We provide our doctoral candidates with the learning tools, methods, and individual support they need to efficiently achieve their academic goals and complete their doctorate with a high-quality dissertation they can be proud of.



Wolfgang
Professor and Dissertation Advisor

