

HECTOR SCHOOL

Technology Business School of the KIT



Excellent academic further education
Your partner for strategic personnel development

KIT – The Research University in the Helmholtz Association

The KIT is system-accredited by



Excellent academic education for professionals

Technology Business School of the KIT

The Karlsruhe Institute of Technology (KIT) is “The Research University in the Hemholtz Association” and is one of the largest research and educational institutions in Germany.

With excellent teaching, cutting-edge research and innovation, especially in the fields of energy, mobility and digitalization, it contributes to the success of major projects for the benefit of society, and develops applications that are crucial for economic success.

The HECTOR School of Engineering and Management is the Technology Business School of the KIT and has been offering excellent academic education for 20 years. The growing demand for qualified engineers encourages us in our vision of promoting continuing knowledge and skill transfer to companies.

Strategic partnerships with companies worldwide

The HECTOR School supports companies worldwide with flexible solutions for strategic personnel development.

With part-time master's programs, certificate courses and customized continuing education programs, the HECTOR School offers state-of-the-art knowledge transfer in key technologies as well as approaches for developing comprehensive management skills.

With the HECTOR School programs, you can optimally prepare both your company and your employees for the challenges of tomorrow's world.

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Unilever • Vale S.A. • Verband der Deutschen Bahnindustrie (VDB) e.V. Vibracoustic SE • Volkswagen AG • WMF Group GmbH • WSP Global Inc. • XING AG • Ziehl-Abegg SE • Zwick GmbH & Co. KG

Continuing training as part of your HR strategy



Attract the skilled engineers you need

With the **Master@YourCompany** program, you offer job candidates a career start with a part-time Master's degree in your company.

We are happy to provide you with an exemplary time and cost plan and discuss how it might apply to your business.

Further training as a driver for business transformation

Qualify specialists, managers, or entire teams for new challenges in strategically important areas such as digitalization, mobility, product innovation, energy technology and management. This allows you to utilize internal potential, prevent skills shortages and make your company competitive in the long term.

Employee retention through excellent continuous education

Increase employee retention through targeted academic training in key technologies. Offer your talented employees valuable development opportunities and secure long-term specialists with the skills of tomorrow. Invest in knowledge today to secure your company's long-term success.

Part-time Master of Science programs

The six HECTOR School's executive Master of Science programs are designed for ambitious professionals and companies that are committed to the strategic development of their future leaders and specialists.

Participants can continue their careers while enhancing their engineering and management skills. They benefit from the exchange with other professionals from all over the world as well as from a strong network of partners in research and industry.

Structure	part-time 10 modules x 2 weeks in Karlsruhe + master thesis 5 engineering modules: technological expertise 5 management modules: business theories and methods
Duration	from 20 months (modules spread over 15 months + master thesis)
Language	English
Degree	Master of Science (M.Sc.) with 90 ECTS of the Karlsruhe Institute of Technology (KIT)
Start	yearly in October (flexible schedule possible)
Accreditation	by aaq - Agency of Accreditation and Quality Assurance



Management of Product Development

An integrated approach towards innovative product creation processes



Production and Operations Management

Increasing production & logistics efficiency through concepts of Industry 4.0, Sustainability, Supply Chain Optimization, Circular Economy, and AI



Mobility Systems Engineering and Management

A system-oriented approach towards future mobility, with a focus on autonomous driving or e-mobility



Energy Engineering and Management

Innovative and sustainable energy systems and the future of energy technologies



Financial Engineering

Data science, machine learning and predictive analysis for data-driven decision making in business environments



Information Systems Engineering and Management

Driving digitalization through software engineering, security, cloud service engineering, AI technologies and autonomous robotics

Customer voices

HECTOR School: Strategic partner of the Festo Group

»Festo's commitment to sustainability and smart automation requires a well-educated workforce with advanced technical and management skills. The Master programs at HECTOR School develop these skills through a curriculum that combines cutting-edge engineering knowledge with sustainable management strategies. The focus on real-world projects and collaboration with industry leaders ensures that students are well prepared to make a meaningful contribution to our business.

If you are looking to further develop your employees and to drive positive change in your company, HECTOR School could be the ideal partner for your next step«



Jörn Kleinschmidt,
Head of Global Product
Lifecycle Engineering,
Festo

Successful partnership: HECTOR School and IBM

»For more than 10 years, we have been successfully collaborating with the HECTOR School at KIT and co-creating exciting careers through our Master@IBM program.

The program enables students to qualify as full-fledged members of our international project teams, building a global network and gaining extensive experience at an early stage, creating value for us and significantly accelerating their careers«.



Antje K. Burger
Lead Bachelor- and
Master-Talents@IBM,
IBM Deutschland GmbH

Lifelong learning experience at Infineon Technologies

»I am very glad that my company is a partner of the HECTOR School.

I have already participated in several trainings and they have deepened my technical knowledge and broadened my perspective by equipping me with the latest research insights from one of the best technical universities in Germany.

I am already looking forward to the next training.«



Alexander Beckmann,
Senior Staff Product Defi-
nition Engineer, Infineon
Technologies AG

Portfolio

Executive Master Programs:

Knowledge of future-oriented key technologies combined with management expertise to qualify engineers for management and expert positions in industry..

Customized Trainings:

Experienced employees acquire latest knowledge from pioneering research in a hands-on approach. Compact training formats in the areas of energy, global production, mobility, Industry 4.0 and digitization ensure direct knowledge transfer to your company.

Certificate of Advanced Studies (CAS):

CAS are compact qualifications that provide the latest technological knowledge and skills to successfully manage transformation processes. The curriculum includes sustainable and software engineering, e-mobility, and automated driving systems and technologies.

Social Media  

About us

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Contact

Do you have questions?



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