



ON-CAMPUS

Master of Engineering
Semiconductor Engineering
and Manufacturing for Computer Scientists
(SEMICS)

M.Eng. Semiconductor Engineering and Manufacturing for Computer Scientists

Quick Facts:



3 Semesters



90 ECTS



On-Campus in Zweibrückem



October 2026



English



EUR 12,600*

*excl. one-time €980

Admission Fee



*The M.Eng. SEMiCS program is delivered in cooperation with Hochschule Kaiserslautern and awards a state-recognized degree from the partner university.

Program's Modules

Here is the overview of our comprehensive curriculum that covers the M.Eng's essential topics.

SEMICONDUCTOR ENGINEERING & MANUFACTURING FOR COMPUTER SCIENTIST(SEMiCS)

Systems Engineering for Informatics-Oriented Engineering Applications

Electrical Engineering for Sensing Technology

MEMS Lab

Mechanics of Materials

Advanced Semiconductor Devices

Signal Processing for Sensing Applications

Semiconductor Technology and Microfabrication

Physics and Chemistry

Engineering Mathematics

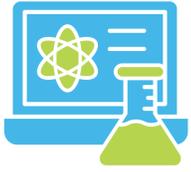
Software engineering for embedded systems

Systems Integration and Packaging

Master's Thesis and Colloquium

Why this M.Eng.is Right for You

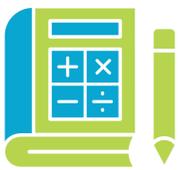
Who is this program for?



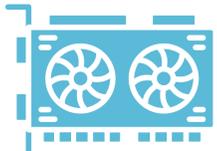
Graduates of computer science-oriented bachelor's programs such as computer science, informatics, or related IT disciplines.



Applicants aiming to expand their software and system skills within engineering and technology-driven application contexts



Candidates with solid foundations in programming, mathematics, and system thinking.



Students for whom prior knowledge in physics or electronics is beneficial but not mandatory.



National and international applicants seeking an English-taught, application-oriented master's program.

Career Prospects



APPLICATION ENGINEER



TECHNICAL PRODUCT MANAGER



TECHNOLOGY & INNOVATION CONSULTANT



SYSTEMS ARCHITECT FOR COMPLEX TECHNICAL SYSTEMS



INTERDISCIPLINARY PROJECT ENGINEER



SYSTEMS ENGINEER

Requirements:

Educational Background

- Relevant university degree qualifying for a specific profession: Informatics, applied informatics software engineering, technical computer science, comparable computer science-related courses of study.

Language Requirements

- IELTS: 6.0
- PTE: 56, TOEFL: 80
- Duolingo: 100
- Cambridge Advanced or Proficiency

Documents

- Resume including personal and professional background
- Proof of first professional university degree
- Proof of relevant professional experience and/or internships
- Proof of required language skills
- Transcript of records or module descriptions
- Recent passport photo

Work Experience

- At least one year of relevant, qualified experience in: Software or system development; IT-related technical activities; development, analysis, or operation of technical systems; simulation, data, or model-based activities in technical or industrial contexts.
- Relevant internships completed as part of or following the first degree are also considered professional experience, as long as their content can be assigned to the areas mentioned and they demonstrate an appropriate level of expertise.



Hochschule
Kaiserslautern
University of
Applied Sciences



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You can book a free consultation with our student advisory team

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