Hochschule Kempten
University of Applied Sciences

ELECTRICAL ENGINEERING

MASTER OF ENGINEERING

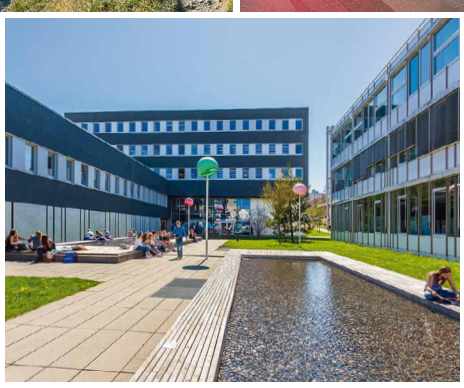
BEAUTIFUL PLACE

KEMPTEN Capital of the Allgäu region, Roman city, historic, bright, colourful, cultural magnet, pleasures in life #seitenweiseanders

SPORTY? Allgäu Alps, mountain biking, hiking, skiing and snowboarding, climbing, water sports…

PURE NATURE Chillax at the mountains and lakesides

STRIKE OUT and move into your own place for the first time – in an affordable apartment, a room with flatmates or student halls!



HERE YOU GET MORE COMPETENCE DRIVEN BY NETWORKED DIVERSITY

+ Cutting-edge infrastructure and equipment in lecture halls, laboratories and libraries
+ Compact campus
+ Innovative teaching methods & projects in practice
+ Small groups ensure individual attention and guidance
+ Even more hands-on if you choose a dual / cooperative, extended-practice or combined programme
+ Strong network of companies – local, regional and beyond
+ International: 100+ partner universities all over the world, intercultural exchange via visiting students, own Language Centre
+ Linking teaching and research
+ Family-friendly

ANY QUESTIONS?

STUDENT ADVISORY SERVICE
+49 (0)8 31 25 23 - 308
studienberatung@hs-kempten.de

ACADEMIC ADVISOR
Prof. Dr.-Ing. Frank Fischer
frank.fischer@hs-kempten.de

#ELEKTROTECHNIK_HSKEMPTEN

#HSKEMPTEN

Kempten University
of Applied Sciences
Bahnhofstraße 61
87435 Kempten (Allgäu), Germany

TIME TO APPLY!

START in either winter or summer semester

ELIGIBILITY
First degree in electrical engineering, information technology, or an equivalent German "Diplom" or bachelor's degree with at least 210 ECTS
+ additional individual criteria

ENTRY REQUIREMENTS + APPLICATIONS

HS-KEMPTEN.DE/EN/APPLY

Allgäu

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Information subject to change: 04/2026

AT A GLANCE

STANDARD DURATION OF STUDY 3 semesters

STARTS winter or summer semester

STUDY FORMAT
Full-time, part-time;
optionally extended practice

ECTS CREDIT POINTS 90

FACULTY Electrical Engineering

LANGUAGE English

ACCREDITATION ASIIN

THE RIGHT CHOICE FOR YOU IF

- You aspire to an international career in electrical engineering and information technology
- You want to master the increasingly complex range of tasks faced in globally operative companies

INTERNATIONAL BONUS

- Industrial companies value the important additional skills and expertise gained studying abroad.
- Opportunity to earn a dual-award degree by studying abroad during semesters 2 or 3 – e.g. at the University of Ulster | Northern Ireland, Universidad Pontificia Bolivariana | Columbia, Tallinn University of Technology | Estonia

YOU WILL LEARN

- Advanced electrical engineering
- Rapid familiarisation with sophisticated new tasks and aspects of electrical engineering
- Special social skills and finesse in dealing with people across a wide cultural spectrum
- Analytical and creative mindset
- Systematic, mathematically based approaches using state-of-the-art simulation tools

	3	Master's thesis				Seminar
WINTER SEMESTER	2	Digital Signal Processing	**Elective modules:** Interface Electronics | Electronics Cooling | Electronics in Space and on Ground | Wind Power Systems | Human Resource Management and Leadership			
SUMMER SEMESTER	1	Advanced Control Systems	Electrical Drive Systems	Micro-electronics	Energy Systems Analysis	Power Electronics	**Scientific project with seminar**

FABULOUS PROSPECTS

PROFESSIONAL

- **Outstanding career prospects**
- All fields of activity in **research and development**
- **Sophisticated roles** in manufacturing, planning, operations and management
- **Managerial position** in an internationally operative company
- **Senior service** in the public sector

SECTORS electrical/electronics industry | mechanical engineering | robotics | building technology | medical | e mobility

+ PATHWAYS TO DOCTORAL STUDIES

"[…] The instruction […] was comprehensive on theory and centered on practical applications. This allowed me to quickly widen my knowledge […] I have gained much more than I ever expected in all aspects – scientific, linguistic […], and cultural."

Rama | master's graduate

FIND OUT MORE AT HS-KEMPTEN.DE/EN/EE