



Engineering & IT

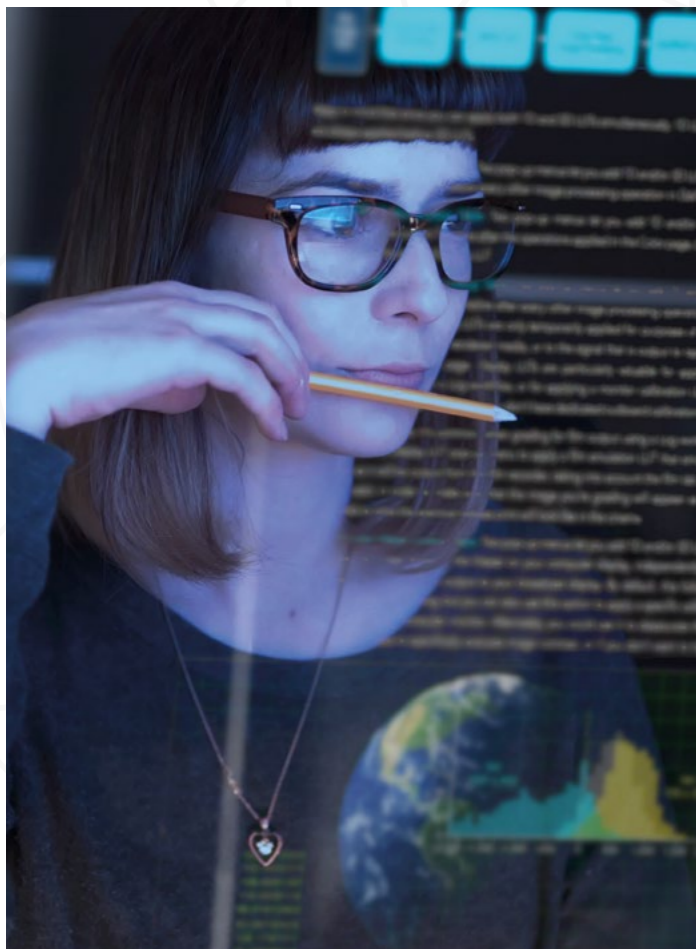
MASTER DEGREE PROGRAMS
AND CERTIFICATE COURSES



9 MASTER DEGREE PROGRAMS 1 CERTIFICATE COURSE

Why studying Engineering & IT is the best option?

- Involvement in research projects
- Small groups
- Fixed duration of studies
- International focus
- Excellent lab Infrastructure
- Smart Lab Carinthia
- Robocup Community
- Coaching for Start-ups
- Career and personal development seminars
- Job fair Meet & Match
- Teaching Language: English or German/English



Applied Data Science, MSc
work-friendly, 16 places, teaching language: English

Exploiting data collections - The continuing trend towards the digitalization of work processes and the immense amount of data to be processed are subjects of current business practice. Companies are looking for qualified data scientists who can generate relevant information from large amounts of data and derive recommendations from the processed data.
More information: www.cuas.at/appds

Communication Engineering, MSc
Work-friendly, 20 places, teaching language: English

Enable global communication - The spread of modern communication technologies is breathtaking: More and more people all around the globe discover new ways and means to stay in touch – bridging large distances, national and cultural borders or even generational gaps. Students of the master degree program "Communication Engineering" are receiving this knowledge first-hand.
More information: www.cuas.at/ce

Electrical Energy & Mobility Systems, MSc
Fulltime, 24 places, teaching language: English

Facing common future technology challenges - The Electrical Energy & Mobility Master Course prepares students for professions on electrical mobility and storage systems as these areas will play a vital role in facing common future technology challenges. "Electrical Energy & Mobility Systems" is the only university of applied sciences MSc degree program in electrical energy & mobility systems for applied research and development professions.
More information: www.cuas.at/eems



Health Care IT, MSc
Work-friendly, 20 places, teaching language: English

Medicine as high-tech-business - Doctors and other health professionals are increasingly relying on software or technical devices to enhance the care for their patients. To make this possible, experts in Health Care IT are vital in providing the required skills in medical engineering and image processing/health informatics. More information: www.cuas.at/hcit

Industrial Engineering & Management, MSc
Part-time, 20 places, teaching language: German

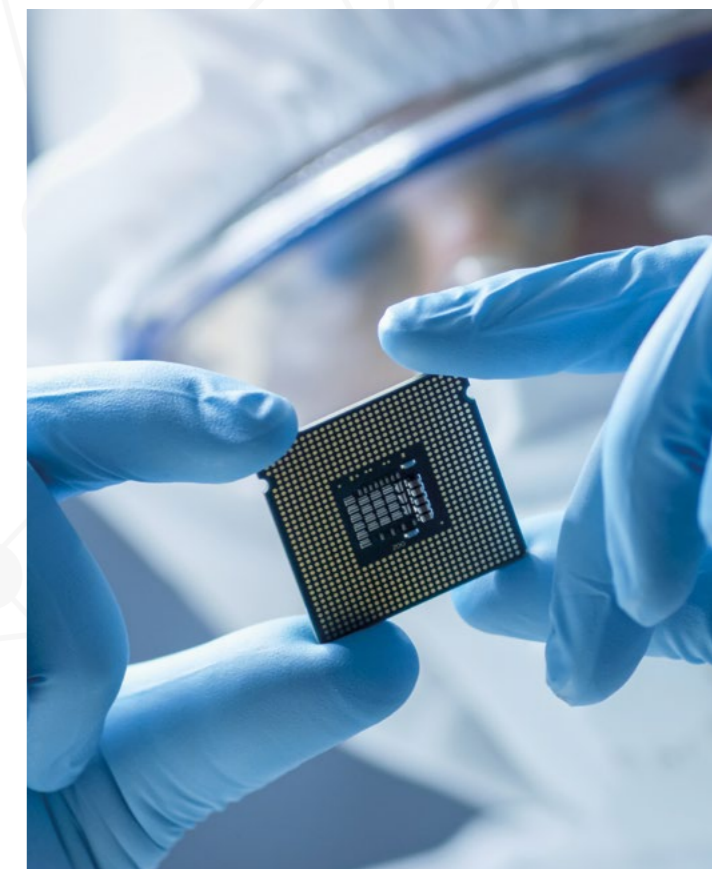
Industry 4.0, innovation management and corporate governance - It is important for managers to have the best training not only on the economic side, but also on the technical side - this applies in many areas of the increasingly complex professional world. The master's degree program „Industrial Engineering & Management“ (IEM) focuses on both.
More information: www.cuas.at/en-iem

Industrial Power Electronics, MSc
Job-friendly, 16 places, teaching language: English

Empower a sustainable energy future - The rapid digital transformation is posing new challenges for business and politics as well as society in general. The new master's program "Industrial Power Electronics" will be an innovation driver for this dynamic technology sector. Creative ideas can be developed and actively promoted in this program, offering young people the opportunity to gain experience and shape the future with us.
More information: www.cuas.at/ipe

Integrated Systems and Circuits Design, Msc
Work-friendly, 20 places, teaching language: English

Reaching new application areas - For about five decades, integrated circuits (IC, microchips) have now been the key technologies for electronic systems in many application areas, ranging from data processing to telecommunication and automobile electronics. In this domain, an unprecedented development has taken place from the assembly of the first planar ICs with two transistors in the year 1961 to today's integrated processor components with up to a billion transistors on a single chip.
More information: www.cuas.at/jscd





Light Weight Engineering, MSc

Work-friendly, 21 places, teaching language: German

Central technology of the future - Lightweight engineering is regarded as a key technology of the future: in automotive engineering, aerospace engineering, energy technology, architecture, medical technology and even electronics. This is offered in the master's degree course „Mechanical Engineering - Lightweight Construction“ - guided by the motto „Green, safe, comfortable“, which is a guiding principle throughout the entire course of studies.

More information: www.cuas.at/en-mblb

Systems Design, MSc

Work-friendly, 20 places, teaching language: English

Cope with complex and cross-circular systems - The complexity of technical systems is steadily increasing: our society uses more devices than ever to improve everyday life, while at the same time multiple industries are searching for new ways to enhance their processes through the means of digitalisation. The master degree program "Systems Design" offers special opportunities for those who seek to accept these challenges.

More information: www.cuas.at/sd



Certificate Course: Smart Materials

1 semester (4 modules, 24 hours), teaching language: English / German, fee: EUR 3,500.00

The goal of this course is to provide students with the knowledge and skills that will allow them to solve new challenging technical problems, using a combination of smart materials and advanced 3D-printing techniques.

More information to the course: www.cuas.at/smartmaterials

APPLICATION AND ADMISSION

1. Send us your application
www.cuas.at/en/application
2. If you have the prerequisites, then you will receive an invitation for an interview.
3. Your interview will take about 30 minutes

Online Info Sessions

5 March | 15 April
07 May | 24 June
01 July

Student counselling

You also have the opportunity to take advantage of specific counselling. Counselling is available in person, by phone or online (via MS Teams). Make an appointment at info@fh-kaernten.at or call +43 5 905007700.

Contact: www.cuas.at/en-engit-master

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www.fh-kaernten.at/socialmedia

