

Master of Science in

ELECTRICAL ENGINEERING



Rapid technological change and the global economy's reliance on energy and innovation is seeing growing demand for electrical engineers with the highest skill and knowledge sets. These engineers will be at the forefront of future shaping, and play an important role in the way humans will all live and work in the coming decades.

Be at the helm of industry developments

The much sought-after MSEE program helps support local and regional industry needs, graduating qualified electrical engineers able to solve complex problems and lead others in the field. Graduates are equipped with the skills necessary to serve an expanding industrial base, making them highly sought-after by employers. Strongly connected to today's industry environment, the MSEE program allows graduates to employ their knowledge along with their analytical and design skills, advancing the frontiers of science and technology.



With no doubt, I can say that AUS has definitely improved my technical and software skills and helped me to define the path I want to follow in the various fields of electrical engineering.

Mohammad Sahooun | Electrical engineering graduate



Engage in hands-on research

At AUS, MSEE students contribute to the growing body of electrical engineering knowledge, research and development, in topics related to:

- power systems
- renewable energy
- microelectronics
- microwaves
- satellite systems
- communications and signal processing
- control systems
- Internet of Things and smart cities
- artificial intelligence
- radars and imaging systems
- electronics and wearable electronics
- robotics and autonomous systems

Faculty of distinction

In undertaking the MSEE, you will work under the supervision of faculty who have received their doctoral degrees from renowned universities, including some of the best engineering institutions in North America and Europe. These faculty are recognized experts in their fields, with extensive teaching and research experience.

Built-in flexibility

Our graduate programs are flexible, ensuring that students are able to pursue their careers alongside their graduate degree. Students can choose between a full-time schedule and a part-time schedule, with classes offered at times suitable for those in the workforce.

Graduate assistantships and employment

AUS offers graduate students assistantships and work-study opportunities. These are awarded on a competitive basis, coming in the form of a Graduate Research Assistantship or Graduate Teaching Assistantship. This offers not only financial assistance but also hands-on experience in teaching and research helpful to students interested in pursuing a career in academia.



Find out more

www.aus.edu/cen/msee
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