Electrical Engineering, MS

Program Description

Degree Awarded: MS Electrical Engineering

This program does not accept applications to the MS directly. Students should apply to the MSE program and, once admitted, consult with the Master of Science in Engineering program advisors if interested in the Master of Science program.

The electrical engineering faculty in the Ira A. Fulton Schools of Engineering offer a research program leading to the Master of Science in electrical engineering.

Graduate courses and programs are offered in the following six areas of specialization:

- control systems
- electromagnetics, antennas and microwave circuits
- electronic and mixed-signal circuit design
- electric power and energy systems
- signal processing and communications
- physical electronics and photonics

At a Glance

- College/School: Ira A. Fulton Schools of Engineering
- Location: Tempe campus

Degree Requirements
30 credit hours and a thesis

The credits earned toward this research degree must include a minimum of eight courses (24 credit hours minimum) and six hours of EEE 599 (thesis). As part of the eight courses, at least two should be outside the area of specialization.

Requirements include:
- at least four EEE courses
- at least two courses outside the area of specialization
- at most two 400-level courses
- at least three EEE 500-level courses
- at most one EEE 590 Reading and Conference or FSE course

A final oral examination in defense of the thesis completes the master's degree requirements.

Admission Requirements

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Students desiring the Master of Science in electrical engineering must initially apply to the Master of Science in Engineering program. Students who later obtain a research advisor may transfer to the Master of Science program.
Contact Information

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