Electrical Engineering (Art, Media and Eng), MS

ESAMEMS

Program Description

Degree Awarded: MS Electrical Engineering (Arts, Media and Engineering)

A concentration in arts, media and engineering has been established as a collaboration between the electrical engineering program at ASU and the Herberger Institute for Design and the Arts. This concentration is available for both MS and PhD students admitted to this program who take two-thirds of their course, research and thesis credits from the electrical engineering program and one-third of the credits from the arts, media and engineering program. All applicants are strongly encouraged to see the FAQ on this concentration available at https://ecee.engineering.asu.edu/academics/doctoral-degrees/electrical-engineering-arts-media-and-engineering.

Electrical engineering students in the arts, media and engineering concentration undergo training toward integrating principles of digital signal processing, pattern recognition, computer vision and multimedia computing with transdisciplinary objectives, with the goal of enabling new paradigms of human-machine experience that directly address societal needs and facilitate knowledge. Examples include media-based intelligent systems for health care and well-being as well as promotion of environmentally sustainable practices. For more information, students should see https://artsmediaengineering.asu.edu/research-and-initiatives.

At a Glance

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

Degree Requirements
30 credit hours and a thesis

Eight courses are required for this program, typically five from EEE and three from AME. In addition, six credit hours of thesis are required, typically four credit hours from EEE and two from AME.

**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.

Students from ABET-accredited undergraduate programs who wish to be considered for a master's degree program must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last two years of undergraduate coursework. Students from undergraduate programs that are not accredited by ABET must have a minimum GPA of 3.50 (scale is 4.00 = "A") in the last two years of undergraduate coursework or have graduated first class with distinction and must score in the 90th percentile or higher on the quantitative section of the GRE general test.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. statement of purpose
4. curriculum vitae
5. three letters of recommendation
6. 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.

International applicants seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the internet-based TOEFL or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Applicants should submit materials that reflect the hybrid nature of the arts and engineering degree, including a statement of purpose and curriculum vitae demonstrating interest and relevant experience in the area. Applicants will have the opportunity to upload their curriculum vitae and statement of purpose when
completing the online application. Additionally, the arts, media and engineering program requires three letters of recommendation from individuals familiar with the applicant's ability to succeed in a transdisciplinary research environment.

Contact Information

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