

## **ADMISSION TO PROGRAMS**

### **Master's Programs**

The following are university admission requirements to the master's programs in the College of Engineering. Students will be awarded graduate degree status admission if they satisfy all the admission requirements.

- 1) Meet the requirements for admission to the graduate school.
- 2) Have an undergraduate degree from an ABET (or equivalent) accredited program.
- 3) Have a cumulative Grade Point Average (GPA) of 3.00 on a 4.00 scale.
- 4) Have GRE verbal and quantitative scores in the higher percentiles.
- 5) Have previous educational background in the intended area of study.

Students may be awarded provisional graduate degree status admission if they satisfy the following requirements.

- 1) Have a minimum cumulative Grade Point Average (GPA) of 2.75 on a 4.00 scale.
- 2) Have GRE verbal and quantitative scores in upper percentiles.

Provisional students must petition the Dean of Engineering for full status to the graduate program during the term in which the first 12 graduate semester credit hours will be completed. To be considered for full degree status provisional students must have earned a minimum GPA of 3.0 in all courses recommended by the faculty advisor and the head of the graduate program.

Students may be awarded non-degree status admission or special student status admission if they satisfy the requirements as outlined in the catalog section "Types of Admission" under Admissions Information and Requirements. Special students must petition the Dean of Engineering for full status to the graduate program during the term in which the first 12 graduate semester credit hours will be completed. To be considered for full degree status, special students must have earned a minimum GPA of 3.0 and have GRE verbal and quantitative scores in upper percentiles.

### **Doctoral Program**

The following are admission requirements to the Doctor of Philosophy program in the Department of Electrical Engineering. The candidate should:

1. Hold a baccalaureate degree in engineering, mathematics or the physical sciences conferred by a regionally accredited institution.
2. Have a 2.75 Grade Point Average (GPA) on a four-point scale on all completed undergraduate course work.
3. Hold a Masters of Science degree in Electrical Engineering or one of the related disciplines, conferred by an accredited institution.

4. Have a 3.2 GPA on all completed graduate work.
5. Produce original transcripts for all academic work completed at the undergraduate and graduate levels.
6. Have GRE verbal and quantitative scores in the higher percentiles.
7. Submit three letters of recommendation. These should preferably come from faculty sufficiently acquainted with the student to comment on the student's potential to successfully complete the doctoral program.
8. Submit a personal statement describing the applicant's academic or professional accomplishments, research interest and professional goals.
9. International students, when deemed appropriate are required to take the Test of English as a Foreign Language (TOEFL); a score of 550, or higher, is required.

### **MASTER OF SCIENCE IN ENGINEERING DEGREE PROGRAM**

The Master of Science Degree in Engineering is a general engineering program with four areas of concentration:

Chemical Engineering  
Civil Engineering  
Environmental Engineering  
Mechanical Engineering

Each area of concentration has an option of a thesis or non-thesis degree plan. The thesis option requires 30 semester credit hours including 6 semester credit hours for the thesis. The non-thesis option requires 33 semester credit hours including 3 semester hours for a major project. Each option includes 12 semester credit hours of graduate courses in general engineering with the remaining hours to be determined by the student and his academic advisor during the first semester of acceptance to the graduate program as a degree status student.

During the first semester of graduate degree status, the student should select an advisory committee consisting of at least three members, two of whom must come from the engineering faculty, and the chairman of the committee who shall be a full member of the graduate faculty in engineering.

### **THESIS OPTION DEGREE PROGRAM REQUIREMENTS**

**General Requirements.....6 SCH**  
GNEG 5086 Thesis