



## MASTER OF ENGINEERING

The Master of Engineering program prepares graduates for leadership positions in the engineering profession. Emphasis is placed on solving practical problems in industry and society. Focus is on applied research with a strong tie to industry, federal agencies and economic development. The program is interdepartmental and interdisciplinary with three specialty areas: **Materials Science and Engineering, Sustainable System Engineering, and Engineering Management.**

### JOB OPPORTUNITIES

Engineering contains a large number of job opportunities and specialties. Some of the highest paying careers in the world are found in engineering. Engineering is widely considered as one of the most lucrative and in demand career choices, with multiple engineering disciplines and job types. Due to the diversity of the Master of Engineering specialty areas, more job opportunities exist in private and public sectors.

### ADMISSION REQUIREMENTS

All general admission requirements of the Graduate School at Southern University apply for admission to the Master of Engineering program. In addition, a minimum GPA of 2.7 on all undergraduate work, or 3.0 on all graduate work completed, based on a 4.0 scale, are required. The GRE is optional for regular admission to all four Master of Engineering program options. For consideration for financial support (scholarships, fellowships, assistantships), the GRE is required, with a minimum composite score of 298.

### DEGREE OPTIONS/GRADUATION REQUIREMENT

The Master of Engineering program offers four degree options:

a- Thesis. b- Engineering project. c- Coursework only. d- 4 + 1

If the thesis option is chosen, a student must successfully complete a total of thirty (30) semester credit hours with twenty four (24) credit hours of course work and six (6) credit hours of thesis. If the engineering project option is chosen, a student must successfully complete a total of thirty (30) semester credit hours with twenty seven (27) credit hours of course work and three (3) semester credit hours of engineering project. Students in the coursework only and 4+1 options must take and pass the Fundamentals of Engineering (FE) exam, preferably by the end of their third semester.

### GRADUATE ASSISTANTSHIPS

The Department offers graduate assistantships for eligible students who show outstanding potential. These working assistantships are competitively awarded typically for an academic year and are based on availability of funds.

### CONTACT INFORMATION

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### THE GRADUATE SCHOOL

For more detailed information, please refer to the Southern University Graduate School website:

<http://www.subr.edu/page/1567>

