

# SCHOOL OF ENGINEERING

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## Admission Policies

### General Criteria and Procedures for Admitting Students

Students must qualify for general admission to the university. For admission to the School of Engineering:

1. For incoming freshmen, a minimum ACT math score of 20 (or SAT equivalent) is required for admission. Students unable to meet this requirement can take Math 125 or Math 121 & 123, with a minimum grade of B in each, to be admitted.
2. All other students must meet ACT or SAT requirements or Math 121 & 123 alternative requirements, and have at least a 2.0 overall GPA.

## Academic Regulations

Freshmen Academic Requirements – To enhance the success of students in the Engineering programs:

1. Students not meeting the criterion of ACT Math score 25 or above must be enrolled in MATH 125 (or MATH 121 and 123 depending on math background), before for MATH 261 Calculus I and CHEM 105 General Chemistry.
2. Students not meeting the criterion of high school GPA 3.0 or above must be enrolled in EDHE 105, the Freshmen Year Experience course.

### General Education Core Curriculum

The general education requirements of the undergraduate degree programs of the School of Engineering are consistent with The University of Mississippi's tradition of educating engineering leaders through the school's strong interaction with the university's liberal arts programs. Further, these requirements are established to fulfill the school's published mission of preparing "students with a broad-based education" intended to develop "leadership skills" and "communication skills."

The core/general education requirements for the School of Engineering include Writ 101, Writ 102; Math 261-262; and a minimum of 8 credit hours of laboratory science courses as specified by each department.

In addition, 18 credit hours as described below must be taken, but students should check with their department to learn the specific course requirements for an individual program.

**Fifteen Credits of Liberal Arts** – Students must complete at least 15 semester hours consisting of social/behavioral sciences, humanities, and fine arts course work. At least 6 credit hours must be in the social/behavioral sciences, and at least 9 credit hours must be in combined humanities and fine arts courses with at least 3 semester hours from each of these areas. For the purpose of these requirements, social/behavioral sciences will include anthropology, economics, political science, psychology, and sociology; humanities will include classics, English, history, modern languages (200 level and above), philosophy, religion, African American Studies, Gender Studies, and Southern Studies; and fine arts will include courses in the history, appreciation, and criticism of art, dance, music, and theatre arts. (Courses emphasizing the enhancement of skills and performance are not acceptable.) Honors courses may be used to meet these requirements as appropriate.

Three credits of additional general education course work: Students must complete an additional 3 semester hours of course work beyond the 15 hours required above. These additional 3 hours are to be composed of any additional fine arts, humanities, or social science course work (as defined above) or any combination of credits from the courses listed below:

Course	Course Title	Credits
AS 301	Air Force Leadership Studies I	3
AS 302	Air Force Leadership Studies II	3
Bus 250	Legal Environment of Business	3
Bus 271	Business Communication	3
EdId 110	Chancellor's Leadership Class I	1
EdId 111	Chancellor's Leadership Class II	1
EdId 120	Introduction to Leadership Studies	3
EdId 220	Foundations of Leadership Studies	3
Engr 400	Leadership and Professionalism in Engineering	1
Mgmt 371	Principles of Management	3
Msl 102	Military Science I: Basic Leadership & Management	2



Course	Course Title	Credits
Nsc 211	Naval Leadership and Management I	2
Spch 102	Fundamentals of Public Speaking	3
Spch 105	Business/Professional Speech	3

### School of Engineering Overall Degree Requirements

**Basic Degree Requirements** – All of the curricula of the School of Engineering leading to a Bachelor of Science or Bachelor of Engineering degree are four-year curricula. The curricula requirements for the degrees of Bachelor of Science in Chemical Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Computer Science, Bachelor of Science in Electrical Engineering, Bachelor of Science in Geological Engineering, Bachelor of Science in Geology, Bachelor of Science in Mechanical Engineering, and Bachelor of Engineering are listed in their respective sections of the catalog.

**Technical Electives** – In some programs, students are allowed to choose a coherent group of courses from appropriate areas to permit the student to pursue particular topics in more depth than provided by required courses or to complement the student's major area of study. Selection of these courses should be made in consultation with and approved by the student's department chair/adviser.

**Minors** – Students pursuing any of the eight degree programs within the School of Engineering may choose to declare a minor. A minor field may be any discipline that offers a minor at The University of Mississippi with the exception of chemistry for chemical engineering students, geology for geological engineering students, and computer science for electrical engineering students pursuing the computer engineering option. The required courses and number of hours for each minor field can be found in the university undergraduate catalog. However, no more than 7 credit hours from courses required by the engineering degree and cited specifically by course number and title as a requirement for that degree may be used toward fulfillment of the minor requirements. A minor is available for students pursuing the Bachelor of Engineering degree if different from the emphasis area.

### Advising

Each entering freshman and transfer student is assigned to a member of the School of Engineering faculty in their department who acts as the student's adviser. Students are required to schedule regular conferences with their adviser. In addition, students are encouraged to confer with their advisers or other faculty members as the need arises at times other than the regularly scheduled conferences. A record of advising meetings and degree progress is maintained by the department in which the student is majoring. The purpose for the faculty advising is to ensure that students are completing the appropriate required courses in the proper prerequisite order to meet graduation requirements that have been previously specified to meet ABET, the Institutions of Higher Learning (IHL), university, and other criteria.

### Selecting and Changing Majors

Students can choose a major in any of the six degree programs in the first semester. Freshmen can also enroll in the curriculum shown above if they have not decided upon a major. A student in good standing can change major at any time, but it is recommended that this be done no later than the sophomore year.

### Honor Code Policy

**Honor System** - The purpose of the School of Engineering honor system is to inculcate in each student the highest standard of personal integrity and professional responsibility. The honor pledge below stresses student honesty both in and out of the classroom. For dealing with infractions, the School of Engineering adopted the University policy "Student Academic Conduct and Discipline".

"I PLEDGE MYSELF TO UPHOLD THE HIGHEST STANDARDS OF HONESTY IN MY UNIVERSITY LIFE AND I WILL NOT TOLERATE DISHONESTY ON THE PART OF OTHERS."

### Application for Degree

During the semester prior to completing degree requirements for a particular degree, each student is required to make formal application for that degree. The process includes the student completing the Degree Application found on the School of Engineering website under Current Students. This application must be submitted to the student's department for review. With departmental approval, the Engineering Dean's Office will then authorize the student's Diploma Application in MyOleMiss. When the student completes the Diploma Application, the student is considered an official candidate for graduation for the specified term. The Dean's office will verify whether all degree requirements have been fulfilled using the Degree Audit system. The Dean's office then certifies degrees that have been fulfilled in a Degree Confirmation report to the Office of the Registrar for the granting of the diploma.

