

School of Engineering

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Contact

227 Brevard Hall
University, MS 38677
deanengr@olemiss.edu
<http://www.engineering.olemiss.edu/>

Overview

The School of Engineering offers Bachelor of Science (B.S.) degrees in biomedical engineering, chemical engineering, civil engineering, computer engineering, computer science, electrical engineering, general engineering, geology, geological engineering and mechanical engineering. The school also offers a Bachelor of Engineering (B.E.) degree.

History/Mission/Purpose

History - Founded in 1900, the School of Engineering is the third oldest school of the university and is the oldest engineering school in the state. Instruction in engineering dates from 1854 when a Department of Engineering was established by the Board of Trustees to complement a strong program in the natural sciences.

Vision Statement - The School will positively transform lives and communities through innovative engineering education and discovery.

Mission Statement - The School capitalizes on its engineering science tradition, a low student to faculty ratio, and a rich liberal arts environment to give future professionals deep technical abilities, the capacity to adapt to the rapid changes in engineering, and the interdisciplinary background to help them excel in a competitive world.

Statement of Goals - The School aims to:

- Ensure an environment conducive to learning, teaching, and research. This includes a diverse and multicultural first-rate faculty, staff and students and state-of-the-art facilities.
- Provide top-quality ABET accredited undergraduate programs suitable for the 21st century.
- Foster vibrant graduate programs and perform quality research in line with national trends and achieve national recognition in selected areas.
- Establish strong partnerships and lasting relationships with industry, government, professional societies, alumni and academia.
- Make significant contribution to the technological and economic development of the State of Mississippi and the region through education, research, and service.
- Increase the visibility of the School of Engineering locally and nationally.

Accreditation

The following undergraduate engineering programs are accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>: Bachelor of Science in Chemical Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Geological Engineering, and Bachelor of Science in Mechanical Engineering. The Bachelor of Science in Computer Science (BSCS) program of the Department of Computer and Information Science is accredited as a Computer Science program by the Computing Accreditation Commission (CAC) of ABET <https://www.abet.org>.

Other Information

Cooperative education, or co-op, provides students with the opportunity to gain hands-on experience by taking a semester or two to work with seasoned engineers and other professionals. Engineering students typically begin a co-op following their sophomore or junior year when they have completed enough major-specific courses to contribute in a professional setting.

