



2008-2009

FAST FACTS

Our Programs

For more than 100 years, the University of Arkansas College of Engineering has successfully fulfilled its primary mission of providing an excellent engineering education to graduate and undergraduate students. Today, the college is ranked among the top 100 public doctoral granting engineering schools in the United States.

The most comprehensive engineering program in the state, with excellent programs in the seven major engineering disciplines, the college is attracting the highest quality students from Arkansas and beyond.

The vision of the college is to become and be perceived as one of the top-tier undergraduate and graduate engineering programs in the United States.

- Biological Engineering: BSBE, MSBE, MSE, PhD
- Biomedical Engineering: MSBME
- Chemical Engineering: BSChE, MSChE, MSE, PhD
- Civil Engineering: BSCE, MSCE, MSE, PhD
- Computer Science: BS, MS, PhD
- Computer Engineering: BSCmpE, MSCmpE., MSE, PhD
- Electrical Engineering: BSEE, MSEE, MSE, PhD
- Environmental Engineering: MSEnE
- Industrial Engineering: BSIE, MSIE, MSE, PhD
- Mechanical Engineering: BSME, MSME, MSE, PhD
- Micro Electronics-Photonics: MS, PhD
- Operations Management: MSOM
- Operations Research: MSOR
- Telecommunications Engineering: MSTcE
- Transportation Engineering: MSTE

College of Engineering

Undergraduate Students 1,650

Graduate Students 642

Degrees Awarded 2008 592

Tenure Track Faculty 103

Non-Tenure Track 22

Staff 113

Alumni 15,668

Research Expenditures 2008 \$18.5 million

Average ACT score: 27.4

Average High School GPA: 3.71

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Our Strategy

The College of Engineering's Strategic Plan encompasses six main goals. By successfully accomplishing these objectives, the College of Engineering will contribute to the University of Arkansas becoming a nationally-competitive, student-centered research institution serving Arkansas and the world. Our six strategic goals are:

- **Implementing a Student-Centered Educational Experience**
Provide a student-centered educational experience that attracts diverse, high-quality students, enables them to realize their potential, inspires them to pursue excellence at all degree levels and grooms them to become leaders in their profession.
- **Implementing an Enabling Research Environment**
Create a research environment that enables, enhances and recognizes scholarship, while stimulating entrepreneurship and economic development within our state, nation and world.
- **Implementing the Vision as it Relates to Faculty**
Recruit, mentor and retain high-quality and diverse faculty members who value and promote world-class scholarship.
- **Implementing the Vision as it Relates to Staff**
Attract, develop and retain well-qualified, diverse and skilled staff members who are equipped to support the growth and potential of the College of Engineering.
- **Implementing the Service and Outreach Plan**
Enhance the impact of the College of Engineering both within and outside the university through service and outreach.
- **Implementing the Economic Development Plan**
Become a catalyst for economic development to achieve the long-term economic goals of Arkansas through entrepreneurship, research and collaboration with industry and government.

Our Dean

Ashok Saxena

Our Departments

- Department of Biological and Agricultural Engineering
Carl Griffis, Interim Department Head
- Department of Chemical Engineering
Tom Spicer, Department Head
- Department of Civil Engineering
Kevin Hall, Department Head
- Department of Computer Science/
Computer Engineering
Susan Gauch, Department Head
- Department of Electrical Engineering
Samir El-Ghazaly, Department Head
- Department of Industrial Engineering
Kim Needy, Department Head
- Department of Mechanical Engineering
Joe Rencis, Department Head

Our Research Centers

- Arkansas Advanced Photovoltaic Research Center
- Center for Engineering Logistics and Distribution
- Center for Innovation in Healthcare Logistics
- Chemical Hazards Research Center
- High Density Electronics Center
- Mack-Blackwell Rural Transportation Center
- Membrane Separations Center
- National Center for Reliable Electric Power Transmission

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