

Samuel Ginn College of Engineering



Founded 1908
Auburn's largest college



NATIONAL RANKINGS

Public institutions¹

Undergraduate Program 32nd
Graduate Program 37th
Graduate Online Program 20th

ACADEMIC PROGRAMS

Aerospace Engineering
Biosystems Engineering
Chemical Engineering
Civil Engineering
Computer Science
and Software Engineering
Electrical and Computer Engineering
Industrial and Systems Engineering
Mechanical Engineering
Materials Engineering
Wireless Engineering

MINORS AND CERTIFICATES

Automotive Engineering
and Manufacturing Systems
Biomedical Engineering
Business-Engineering-Technology
Computer Science
Environmental Engineering
Information Technology
Materials Engineering
Materials Science
Nuclear Power Generation Systems
Occupational Safety and Ergonomics
Pulp and Paper Engineering
Tribology and Lubrication Science

FACULTY

169 tenure/tenure track faculty
51 non-tenure track teaching/research faculty

RESEARCH

\$58.3 million in research expenditures²
47th in nation in research expenditures²
(Ranked in top 50 for the past 10 years)

Focus Areas

- Advanced Manufacturing
- Biomedical and Pharmaceutical Engineering
- Cyber Security and Information Technology
- Energy and Environment
- Engineered Materials and Nanotechnology
- Infrastructure and Transportation

STUDENTS

Undergraduate 4,963
Graduate 897
MS 489
Ph.D 408

Total enrollment 5,860

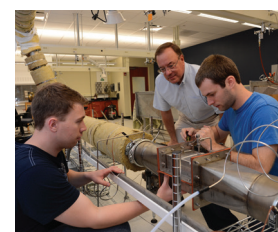
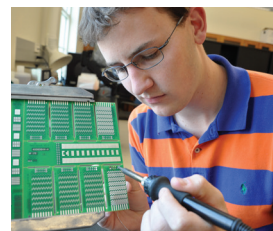
- Undergraduate program ranked 25th in enrollment²
- Ranked 25th nationally in engineering degrees awarded to African-Americans²

Freshman Class Snapshot

- Average ACT/SAT 29.4/1252
- Average High School GPA 3.97
- Comprises 25% of Auburn's freshman class

Outside the Classroom

- 92% of Auburn's co-op students are enrolled in engineering
- Study abroad programs offer fresh perspective in the global economy
- A variety of hands-on student projects such as Formula and Baja SAE, AIChE Chemical Engineering Car Team, ASCE Concrete Canoe and AIAA Design/Build/Fly
- The Alabama Power Academic Excellence Program emphasizes the recruitment and retention of underrepresented engineering students



¹U.S. News & World Report

²American Society for Engineering Education (ASEE)

AUBURN ENGINEERING ONLINE

Graduate Online Program

Ranked 20th by *U.S. News & World Report's* Best Online Engineering Graduate Programs

101 online courses offered

2016 registration:	Spring	406
	Summer	351
	Fall	554



Graduate Online Program Degree Offerings

- Aerospace Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science and Software Engineering
- Electrical and Computer Engineering
- Industrial and Systems Engineering
- Dual MBA/Industrial and Systems Engineering
- Materials Engineering
- Mechanical Engineering

Continuing Education Programs

- 127 live seminars and conferences serving nearly 4,400 clients
- 145 distance continuing education courses delivered by streaming video serving over 500 students in 50 states and international locations

STRATEGIC GOALS

- Perform and achieve recognition as a top 25 engineering program
- Sustain world-class programs at the frontier of engineering education
- Recruit, mentor, retain and support outstanding faculty members
- Establish highly subscribed, highly competitive graduate programs
- Significantly increase research activity throughout the college
- Position the college to compete for large, national research center grants
- Engage in innovative research to improve quality of life and economic competitiveness

WORTH NOTING

- 21% of incoming freshmen are female, while 23% of graduate student enrollment is female
- MRI Research Center houses 3T clinical and 7T research scanners
- Only ABET accredited wireless engineering program in the U.S.
- One of four universities designated by the National Security Agency as a Center of Academic Excellence in Cyber Operations
- Three engineering living/learning communities – co-ed, female and African-American
- 34% increase in graduate students in the past 10 years
- National Center for Asphalt Technology – a world-renowned leader in hot mix asphalt research, technology and education

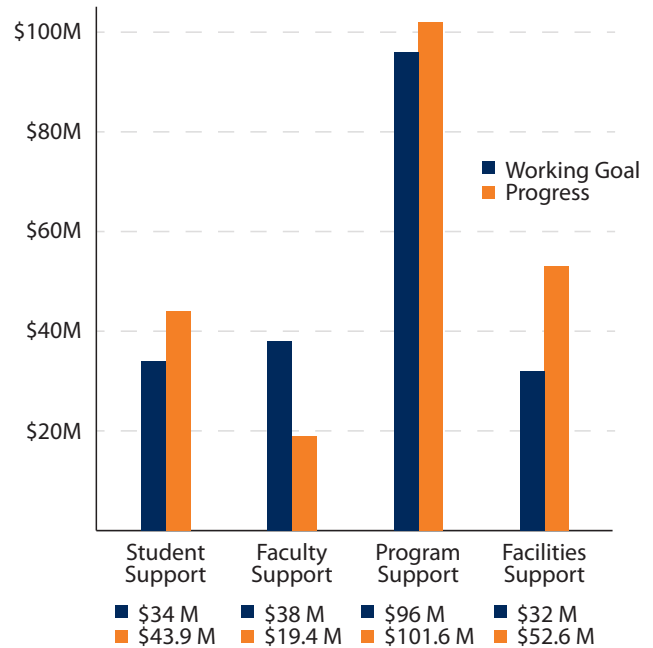
OUTREACH

- E-Day – open house introduces thousands of middle and high school students to Auburn Engineering
- Engineering Summer Camp – residential summer program for 11th-12th graders gives students hands-on experience
- Women in Engineering Camp – summer camp for 8th-10th graders recruits females to engineering
- Summer Experience: Digital Forensics – three-week summer camp to introduce 11th graders to cyber security for college credit
- Robo and Computer Camps – day camps increase computer literacy for 5th-12th graders
- BEST – the nation's third largest K-12 robotics program, serving 12,500 students from 850 schools in 15 states
- KEMET Academy (Knowledge and Excellence in Mathematics, Equilibrium and Technology) – summer academy introduces minority high school students to courses that prepare them for graduation and college entrance exams

PHILANTHROPY

Campaign Goal: \$200,000,000

Campaign progress to date: \$217,786,291



*As of Dec. 1, 2016