Samuel Ginn
College of Engineering

Founded 1908
Alabama’s largest engineering program
Auburn’s largest college

NATIONAL RANKINGS
Public institutions¹
Undergraduate Program 30th
Graduate Program 39th
Graduate Online Program 27th

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

STUDENTS
Undergraduate 4,968
Graduate 850
   MS 463
   Ph.D 387
Total enrollment 5,818
   Undergraduate program ranked 25th in enrollment²
   Ranked 20th nationally in engineering degrees awarded to African-Americans³

Outside the Classroom
   93% 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

Freshman Class Snapshot
   • Average ACT/SAT 29.1/1252B
   • Average High School GPA 3.95
   • Comprises 26% of Auburn’s freshman class

FACULTY
127 tenure/tenure track faculty

RESEARCH
$61.3 million in research expenditures²
44th in nation in research expenditures²
(Ranked in top 50 for the past eight years)

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

¹2014 U.S. News & World Report
²American Society for Engineering Education (ASEE)
³Diverse Issues in Higher Education
AUBURN ENGINEERING ONLINE

Graduate Online Program
Ranked 27th by U.S. News & World Report's Best Online Engineering Graduate Programs

101 online courses offered

2014 registration: Spring 480, Summer 314, Fall 672

Graduate Online Program Degree Offerings
Aerospace Engineering
Chemical Engineering
Civil Engineering
Computer Science and Software Engineering
Electrical and Computer
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
• 126 distance continuing education courses delivered by streaming video serving 531 students in 50 states and international locations

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 camp introduces minority high school students to courses that prepare them for graduation and college entrance exams

PHILANTHROPY

Overall Campaign Goal: $200,000,000
2014 - 2015 Fundraising Goal: $30,000,000

Overall Campaign Goals

Scholarship and Fellowship Support $40 million
Programmatic Support $105 million
Faculty Support $24 million
Facility Support $31 million

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 22% 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
• 18% increase in graduate students in the past five years
• National Center for Asphalt Technology – a world-renowned leader in hot mix asphalt research, technology and education

Auburn University is an equal opportunity educational institution/employer. ENF1601CO1