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Visit Auburn University
Some students grow up knowing that when they go to college, it will be Auburn. Others spend months evaluating their options to find that perfect school. Whatever road you’ve traveled to get to Auburn, we believe that you’ll like what Auburn Engineering has to offer—a solid foundation in the basics and a dynamic academic environment that provides students like yourself with the tools and problem-solving skills necessary for success. This hands-on, real-world approach is one of the reasons our graduates are a favorite with recruiters.

The cornerstone of our program was laid in 1869 when Auburn University offered its first engineering classes. Today we consistently rank among the nation’s top 20 engineering programs in the number of students we graduate each year. Nine departments offering 15 majors ensure that you will find a discipline that matches your interests.

Solid academics and a campus with a strong sense of place make Auburn special. It is big enough, but not too big. Our alumni recall a campus with a sense of family, caring professors, academic variety and challenge with a strong emphasis on problem solving, as well as a mix of extracurricular activities that helped them grow into adulthood.

**The college at a glance**

<table>
<thead>
<tr>
<th>Category</th>
<th>Fall 2003</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student enrollment (undergraduate)</td>
<td>2,996</td>
</tr>
<tr>
<td>Female</td>
<td>535</td>
</tr>
<tr>
<td>Minority</td>
<td>527</td>
</tr>
<tr>
<td>Graduate</td>
<td>656</td>
</tr>
<tr>
<td>Average high school GPA</td>
<td>3.51</td>
</tr>
<tr>
<td>Average entrance exam scores</td>
<td>ACT 24.4</td>
</tr>
<tr>
<td></td>
<td>SAT 1110</td>
</tr>
<tr>
<td>Students ranked in the top 25 percent of their high schools</td>
<td>57 percent</td>
</tr>
<tr>
<td>Number of faculty</td>
<td>156</td>
</tr>
<tr>
<td>Named professorships</td>
<td>17</td>
</tr>
<tr>
<td>Eminent Scholars</td>
<td>2</td>
</tr>
<tr>
<td>Distinguished Professors</td>
<td>2</td>
</tr>
<tr>
<td>Degrees offered</td>
<td>15</td>
</tr>
</tbody>
</table>
The ever-increasing influence and rapid advance of technology demands a skilled, highly educated technical workforce. From defense to infrastructure to telecommunications to consumer gadgetry, engineers impact our lives.

More than 1.2 million engineers work in the United States today, making engineering one of the nation’s largest professions. An engineering degree also opens doors to other careers, including business, law, and medicine. A surprising number of the nation’s top CEOs have engineering backgrounds.

Potential career paths for engineers are as varied as the engineers that follow them. With a bachelor’s degree you can move directly into a lucrative engineering position in the private or public sector. Graduate study can lead to a career in research and the academic world. The options are limited only by your imagination.

Potential employers

- Accenture
- Adtran
- ChevronTexaco
- DaimlerChrysler
- Dynetics
- Eli Lilly and Company
- ExxonMobil
- Frito-Lay
- General Electric
- Honda
- International Paper
- Johnson Controls
- Lockheed Martin
- NASA
- Nokia
- Northrop Grumman
- Southern Company
- U.S. Army Corps of Engineers
- U.S. Space and Rocket Center
- Vodafone

Graduate starting salary range:
Upper $30,000s to low $50,000s

You might be an engineer if...

- You're good at math and science
- You enjoy puzzles, like to solve problems and are good at it
- You enjoy academic challenge and have the discipline to schedule your time
- You're curious and want to know how things work
- You want a career that's interesting and varied
- You like to work with other creative, smart individuals
- You want to make a difference in the world
When you arrive at Auburn, the first thing you will notice is the unparalleled freedom you will have to pursue your interests. Our experience indicates that most entering freshman aren’t sure which area of engineering they want to major in—and we have many to choose from. For this reason, we offer a pre-engineering program that helps you identify your interests and strengths and understand the many available choices.

Academics

The College of Engineering offers a wide variety of engineering degree options that range from traditional engineering programs such as civil and chemical engineering to cutting edge programs in aerospace, software, and wireless engineering. With 15 majors in nine departments to choose from, you are sure to find an area of study that fits your interests and skills.

Freshman

During your freshman year, you will take the first of the science and math courses that represent the foundation of all engineering curriculums. Other classes will provide exposure to the classic engineering principles for problem solving as well as the basics of computer programming and computer-aided design. You will also begin to take courses that make up the university’s core curriculum. These courses will provide the background and context for your technical studies.

In your first year you’ll also get an overview of engineering majors offered. We work hard to make the transition to college a smooth one and to ensure that every student we admit has the opportunity to become a successful graduate.

Model first semester schedule

<table>
<thead>
<tr>
<th>Classes</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering orientation</td>
<td>0</td>
</tr>
<tr>
<td>Calculus 1</td>
<td>4</td>
</tr>
<tr>
<td>Physics 1</td>
<td>4</td>
</tr>
<tr>
<td>Computer science</td>
<td>2</td>
</tr>
<tr>
<td>English composition</td>
<td>3</td>
</tr>
<tr>
<td>One core class</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td>3</td>
</tr>
<tr>
<td>Social science</td>
<td></td>
</tr>
<tr>
<td>Fine arts</td>
<td></td>
</tr>
<tr>
<td>Total hours</td>
<td>16</td>
</tr>
</tbody>
</table>
Sophomore
You’ll continue to take courses that strengthen and build your foundation in science and math. If you haven’t already done so, you will choose your major and begin coursework that will introduce you to engineering basics such as thermodynamics, statics and electrical circuits.

Junior
As you finish up the basics you will begin to apply the principles you have learned. Engineering design courses teach you the process of devising a system, component or process to meet a desired outcome. You will also be completing the required university core classes as well as broadening your horizons with electives.

Senior
The foundation is laid and you’re ready to delve into the hands-on world of engineering. Coursework designed to help you integrate what you’ve learned culminates with a senior project in which you will work with a team to solve real-world problems. When you leave Auburn you will be ready—whether you plan to continue your education or join the workforce.
Aerospace engineers apply scientific principles and engineering concepts and practices to design, build, test, analyze, operate, and maintain aircraft and spacecraft. They work as members of research teams, manage technical and research staffs, become test pilots, astronauts, CEOs of airlines or own their own companies.

Our curriculum provides a balanced education in aeronautics and astronautics. Students study math and science as well as aerospace fundamentals such as aerodynamics, the dynamics of flight, propulsion and structures, and have an option to study the design of aircraft or spacecraft.

Total hours required for degree: 128

Facts
Auburn University’s aerospace program is almost 60 years old. Its roots date back to the Wright brothers’ first flight school in Montgomery.

Auburn’s aerospace engineering graduates include astronauts T.K. Mattingly and Jim Voss. Voss recently joined the College of Engineering and is teaching a course in spacecraft design.

More than 500 Auburn aerospace grads are currently employed in Huntsville by NASA, the U.S. Army Missile Command, the Strategic Missile Defense Command and the many aerospace-related companies located in the area. Undergraduates also have many co-op opportunities to work with these organizations.

At a glance
Degree offered: Bachelor of Aerospace Engineering
Undergraduate: 257
Graduate: 23
Faculty: 10
Annual research expenditures: $690,000
Department Head: Dr. John Cochran
Information: www.eng.auburn.edu/ae
334.844.4874
Biosystems engineers solve problems in the protection and enhancement of natural resources and the environment, in processing of value-added food and fiber products, in design and management of off-highway vehicles and mobile machine systems, and in designing structures and controlling the environment for plants and animals. Forest engineers design systems for efficient and environmentally sensitive forest management, design and analyze forest product processing operations, and design structures using engineered wood products.

Graduates are hired by a diverse group of public and private sector employers ranging from engineering consulting firms to state and federal agencies to food processing companies to mobile equipment companies to forest products companies and their service providers.

The biosystems engineering curriculum provides a solid foundation in subjects common to all engineers. However, our students combine this engineering foundation with a strong background in biological science courses. Real-world, hands-on problem solving is an essential part of the curriculum.

Total hours required for degree: 128

Facts

A GPS field laboratory at Auburn’s Forest Ecology Preserve provides a hands-on opportunity to learn how GPS and GIS technology can be used to manage resources.

Biosystems engineering students are able to study the design and management of off-highway equipment at the nearby Caterpillar Forest Products Training Center.

The department capitalizes on strong industry ties to offer a senior design experience in which students work with practicing engineers to solve real-world design problems.

At a glance

Degree offered: Bachelor of Biosystems Engineering (with an option in forest engineering)
Undergraduate: 52
Graduate*: 5
Faculty: 9
Annual research expenditures: $610,000
Department Head: Dr. Steven Taylor
Information: www.eng.auburn.edu/bio 334.844.4180

*Joint program with the College of Agriculture
Chemical engineers contribute to society through their application of chemistry, physics, mathematics and engineering principles. Because of their versatility of training, chemical engineers have a wide range of employment opportunities, including work in manufacturing, pharmaceuticals, healthcare, design, pulp and paper, petrochemicals, food processing, specialty chemicals, microelectronics, electronic and advanced materials, polymers, business services, biotechnology, and environmental health and safety industries, among others.

Our program provides students with capabilities in core chemical engineering areas, including material and energy balances, thermodynamics, chemical equilibria, heat and mass transfer, reaction engineering, separations, dynamics, statistics and control. Real-world design experiences are interwoven throughout our curriculum employing advanced computer process and control simulators and experimental control systems.

Total hours required for degree: 134

Facts

Auburn’s Department of Chemical Engineering is the 16th largest in the U.S., among the largest in the Southeast, and the largest in the state of Alabama.

More than one hundred companies visit campus to interview AU chemical engineers each year.

The department has strong ties with industry which result in numerous opportunities for involvement in the cooperative education program.

At a glance

Degree offered: Bachelor of Chemical Engineering (with specializations in biochemical engineering, computer control chemical engineering, environmental chemical engineering, pre-medicine/biomedical chemical engineering, and pulp, paper and bio-resource engineering)

Undergraduate: 275
Graduate: 60
Faculty: 16
Annual research expenditures: $3,078,000
Department Chair: Dr. Chris Roberts
Information: www.eng.auburn.edu/che
334.844.2014
Civil engineering is the oldest and broadest of all engineering disciplines. Civil engineers design and construct infrastructure such as airports, buildings, bridges, dams, roads, and sanitation systems. In fact, one quarter of all engineers are civil engineers.

Civil and environmental engineers work in rural and urban areas for large and small companies, as well as for local, state and federal governments. Environmental science is also available as an interdisciplinary program that prepares students to solve complex environmental problems.

In addition to a foundation in math and science, students take courses in construction, environmental, geotechnical, structural and materials, hydraulics and hydrology, and transportation.

Total hours required for degree: 134

Facts
Auburn’s civil engineering program ranks in the top 15 nationwide in the number of undergraduate degrees awarded each year and is the largest civil engineering program in Alabama, producing one half of the state’s civil engineering graduates each year.

Researchers in the Department of Civil Engineering work with industry and government through the Highway Research Center and the National Center for Asphalt Technology to improve our nation’s transportation systems.

At a glance
Degrees offered: Bachelor of Civil Engineering, Bachelor of Science in Environmental Science
Undergraduate: 515
Graduate: 72
Faculty: 23
Annual research expenditures: $6,259,000
Department Head: Dr. Michael Stallings
Information: www.eng.auburn.edu/ce
334.844.6287
Computer science and software engineers design, analyze and develop software for the computer systems and networks that power today’s world. Our graduates find work in both the private and public sector with industry, small business, and government agencies.

The computer science curriculum combines a general foundation in science, math, social sciences and humanities, with the fundamentals of computer science and advanced work in the theoretical bases for computation, design and analysis of algorithms and software development methodologies.

Students who choose a degree in software engineering concentrate on the analysis, design, verification, construction, application and maintenance of complex software systems. The degree prepares students for professional careers and graduate study with a balance of computer science theory and practical application of software methodology.

Students who pursue the wireless software engineering option within the wireless engineering degree focus on the design and engineering of software for wireless and mobile devices.

Total hours required for degree: 123 (Computer Science, Software Engineering) and 128 (Wireless)

Facts
Auburn is the first university in the Southeast to offer a bachelor of software engineering degree.

The department’s work in information security and assurance has earned Auburn University the designation of a Center of Academic Excellence by the National Security Agency.

At a glance
Degrees offered: Bachelor of Science in Computer Science, Bachelor of Software Engineering, Bachelor of Wireless Engineering (offered jointly with the Department of Electrical and Computer Engineering)
Undergraduate: 483
Graduate: 140
Faculty: 18
Annual research expenditures: $877,000
Department Head: Dr. James Cross
Information: www.eng.auburn.edu/csse
334.844.6313
Electrical engineers work on a variety of systems, ranging from the development of integrated circuits and microprocessors to the design of major power systems. Graduates are employed in the computer, semiconductor, aerospace, telecommunications, television, and power industries.

Coursework begins with a solid foundation in mathematics and science; electrical engineering students are then introduced to the seven fundamental areas of electrical engineering. Computer electrical engineering students study the fundamentals of both electrical engineering and computer science. In each degree, design experience is interwoven throughout the curriculum by introducing basic concepts early in the laboratories, culminating with a real-world senior design project.

Total hours required for degree: 128

**Facts**

- Ranked 39th nationally in the number of degrees awarded per year.
- The electrical and mechanical engineering department (now the Department of Electrical and Computer Engineering) was established in 1891 and now has more than 7,000 alumni.
- The Center for Advanced Vehicle Electronics works with the automotive industry to develop and implement new technologies for the manufacture and packaging of electronics with emphasis on cost, durability and reliability.

**At a glance**

- Degrees offered: Bachelor of Electrical Engineering (with an option in computer engineering), Bachelor of Wireless Engineering (offered jointly with the Department of Computer Science and Software Engineering)
- Undergraduate: 578
- Graduate: 158
- Faculty: 32
- Annual research expenditures: $4,418,000
- Department Head: Dr. J. David Irwin
- Information: www.eng.auburn.edu/ece
  334.844.1825
Industrial and Systems Engineering

Industrial and systems engineering is one of the fastest growing areas of engineering. It looks at the “big picture” of what makes organizations work best—the right combination of human and natural resources, technology and equipment, and information and finance. Industrial and systems engineering is vital to solving today’s critical and complex problems in manufacturing, distribution of goods and services, health care, utilities, transportation, entertainment, and the environment. Industrial and systems engineers design and refine processes and systems to improve quality, safety and productivity.

The industrial and systems curriculum draws on specialized skills in the mathematical, physical and social sciences to develop the student’s ability to balance economic, technical and human considerations in design, analysis and control of manufacturing and service systems. A solid core of courses in systems analysis and design, along with courses in engineering economy, ergonomics, manufacturing, operations research, and statistics is integrated with real-world design experience.

Total hours required for degree: 125

Facts
Undergraduate program ranked 26th and graduate program ranked 20th nationally by Gourman Reports.

Awarding degrees since 1931 with nearly 4,000 living alumni.

Employers include Delta Airlines, Honda, NASA, Accenture, Southern Companies, Boeing, BellSouth, BMW, ExxonMobil, Apple Computer.

At a glance
Degree offered: Bachelor of Industrial and Systems Engineering
Undergraduate: 136
Graduate: 69
Faculty: 10
Annual research expenditures: $863,000
Department Chair: Dr. Alice Smith
Information: www.eng.auburn.edu/ise
334.844.1400
Mechanical engineers focus on the design and operation of machinery and the prediction of machine behavior in industries such as transportation, power generation, energy conversion, environmental control, materials processing, and materials. Career opportunities abound with traditional manufacturers. Students also go on to graduate school or professional programs. Mechanical engineering students study the fundamentals of mechanical engineering such as rigid mechanics, deformable mechanics, thermofluid sciences, and mechanisms, as well as the supporting mathematics, science and core subjects.

Materials engineers focus on problems associated with the design of materials and materials processes to meet specific needs in a wide range of industries. Materials engineering students obtain a broad foundation in chemistry, physics, and math as well as the major areas of materials science. These basics are applied in courses in materials properties and selection, computational methods, and hands-on design exercises.

Total hours required for degree: 128

Facts

Alums include astronauts Jan Davis and Clifton Williams, as well as Philip Lett, the lead designer of the M-1A1 main battle tank.

Research conducted for NASA focuses on lower cost alternative fuel sources to power satellites.

Researchers in AU’s detection and food safety center are designing food safety sensors that will detect chemical and biological agents on food before being purchased by the consumer.

Researchers are studying hybrid propulsion systems that offer better gas mileage and performance, vehicle dynamics that include consumer safety concerns such as rollover protection, GIS and GPS technologies that control vehicles autonomously, and noise abatement. Other significant areas of research include packaging of vehicle electronics to withstand heat and vibration, robotics, combustion engineering and the development of sensors for a wide variety of applications.

At a glance

Degrees offered: Bachelor of Mechanical Engineering (with specializations in automotive engineering and pulp and paper engineering), Bachelor of Materials Engineering

Undergraduate: 494
Graduate: 134
Faculty: 28
Annual research expenditures: $5,434,000
Department Chair: Dr. David Dyer
Information: www.eng.auburn.edu/me
334.844.4820
Fiber engineers work in a wide range of industries including automotive, carpet, computer, fiber optic, military, medical and safety products. Our grads work in engineering, research, product development, environmental protection, management, marketing and technical sales, or enter graduate programs in engineering, polymers, business or medicine.

All of our students obtain a thorough grounding in mathematics and the sciences. Our fiber engineering degree reflects the new direction of the Department of Textile Engineering. Fiber engineers use scientific and engineering principles to design, develop, fabricate and evaluate fibers and fibrous materials for use in a variety of applications. They are qualified to work in research and development, product development, process engineering and quality engineering.

Textile chemistry majors take coursework in organic and physical chemistry topics related to fibers and processes, polymers and environmental topics. The textile management curriculum provides students with both technical and business expertise. Graduates are prepared to work and communicate effectively with both engineers and business managers.

Total hours required for degree: 128

Facts

One of only four fiber engineering programs in the U.S. accredited by the Accreditation Board for Engineering and Technology (ABET).

Student exchange/study abroad program with Reutlingen University in Germany.

Research includes carbon-fiber composite flywheels for energy storage in space vehicles, improved airbags for the automotive industry and a new lightweight material that can resist a high-velocity rifle round at close range—significantly improving the comfort and protection of bullet-resistant vests.

At a glance

Degrees offered: Bachelor of Fiber Engineering, Bachelor of Science in Textile Chemistry, Bachelor of Science in Textile Management and Technology

Undergraduate: 57
Graduate: 21
Faculty: 9
Annual research expenditures: $1,251,537
Department Head: Dr. Peter Schwartz
Information: www.eng.auburn.edu/te 334.844.5457
Wireless engineering, our newest degree offering, is a joint program shared by two departments—Computer Science and Software Engineering and Electrical and Computer Engineering. This groundbreaking program was developed with the help of an advisory board comprised of top-level executives from the wireless industry.

Nationwide, there is a critical shortage of engineers with a background in wireless communications. Wireless engineering graduates design radio frequency (rf) circuits, system and network hardware, and develop hardware and software for wireless systems for companies such as Vodafone, Nokia, Cingular, Nortel, Sprint and Cisco.

Total hours required for degree: 128

Facts
Auburn's undergraduate degree in wireless engineering is the first in the nation.

This cutting-edge program is designed to train engineers to meet the needs of the rapidly expanding wireless industry.

At a glance
Options offered:
Department of Computer Science and Software Engineering
• Wireless software engineering
  (with specializations in software and networks)
Department of Electrical and Computer Engineering
• Wireless electrical engineering
  (with specializations in hardware and networks)
There’s a lot going on in Auburn’s research labs.

The College of Engineering accounts for almost half of all research done at Auburn University. We house three of the university’s seven peaks of excellence as well as 11 research centers. Faculty also work in numerous department labs.

We encourage students with an interest in research to get involved as early as your freshman year. Many students find that the best way to start is to spend time learning about the work that our faculty members are doing and to identify an area they find interesting.
Our researchers are happy to discuss their work and many offer opportunities for undergraduates to participate. Part-time lab jobs and co-op programs offer other ways to gain experience in the lab. Students in some departments can also take advantage of the National Science Foundation’s undergraduate research program.
Auburn offers numerous opportunities—on both sides of the classroom door—to make you a well-rounded, competitive engineer.

**Study abroad**

It’s a global economy. An understanding of other cultures is an important part of preparing for the workplace. Auburn offers a variety of options for students interested in traveling abroad.

**AU Study Abroad**—There are more than 20 unique AU Study Abroad programs organized by the various academic colleges and departments on campus, as well as many non-AU programs. Most programs are open to all AU and often non-AU students regardless of their major.

www.auburn.edu/academic/other/international_education/studyabroad/tiger_travelers.htm

**Birdsong Study Abroad Scholarship**—A program designed to broaden the education of engineering students. Students submit a proposal for a semester of international study in a discipline other than engineering.

www.auburn.edu/academic/other/international_education/studyabroad/au_programs_engineering.htm

**Cooperative education program and internships**

These hands-on learning opportunities enable students to experience the challenge and excitement of life as an engineer. Beef up your résumé and make valuable contacts while putting money in your pocket. Many students alternate one semester in the workplace with one in the classroom. Summer internships are another excellent option. Statistics show that students with work experience are hired faster and command higher salaries than less experienced students.

www.auburn.edu/co-op

**Business-Engineering-Technology program**

This program is designed to give you the skills you need to bridge the communication gap that often exists between engineers and business managers. Students from the College of Business and the College of Engineering work together in cross-functional, multidisciplinary teams to solve real-world case study and design problems. Graduates earn a minor in business-engineering-technology.

www.eng.auburn.edu/BET
BellSouth Minority Engineering Program

It’s important that the engineering workforce mirrors the diverse environment of today’s global economy. The objective of the BellSouth Minority Engineering Program is to increase recruitment and enhance retention of under-represented minority engineering students at Auburn University. AU’s retention program assists freshman and transfer engineering students with the transition to the university environment, and with entry-level math, chemistry and physics. One-on-one and peer group tutorials are led by a team of volunteer upperclassmen.

www.eng.auburn.edu/department/mep

Academic tutoring

Tutoring services are available for all engineering students through the Office of Student Services. It’s one-on-one and best of all it’s free!

www.eng.auburn.edu/ess

Student organizations

Beyond the classroom, engineering students participate in a wide variety of educational and fun activities including many based in the College of Engineering. These include student chapters of engineering professional organizations, honor societies, and our Cupola Engineering Society, whose members serve as ambassadors of the college. Students can also participate in high-profile activities such as our Formula SAE, SAE Mini Baja, and solar car race teams, concrete canoe, steel bridge and hovercraft competitions. Many of our students also participate in campus-wide organizations such as band, choir, and student government.

www.eng.auburn.edu/organizations
Applications to the university must be made through the admissions office. Online and hard copy applications are accepted. For minimum admissions requirements, log on to: www.auburn.edu/student_info/student_affairs/admission

**First-year engineering students**

These characteristics are associated with a successful engineering student:
- A score of 25 or above on the ACT composite and ACT math
- Top 30 percent high school ranking
- GPA 3.4
- A strong background in math and science

So what do you do if your grades aren’t quite what they need to be or if you don’t have the recommended math and science classes?

Engineering is a challenging curriculum. It’s best to have a solid set of skills in place before coming to Auburn. Consider taking a few math and science classes at your local community college or enrolling in an intensive pre-engineering program at a four-year college before applying to Auburn.

**Transfer students**

A third of our graduating class transfers from other institutions—some from junior colleges, some from other universities. Our experience shows that these students adjust well and graduate at about the same levels as students who start at Auburn as freshman.

Transfer candidates must have:
- Completed 32 semester hours or 48 quarter hours of college credits with a cumulative GPA of 2.5 or higher:
  - English (college-level composition or literature)
  - History
  - Mathematics
  - Natural science with a laboratory

www.auburn.edu/transfer

**Advanced placement and credit programs**
The College of Engineering permits advanced standing and credit for university courses. To learn about the university’s advanced placement, international baccalaureate and other credit programs log on to:

www.auburn.edu/student_info/student_affairs/registrar
Scholarships and financial aid
We know that college is expensive. That’s why we strive to provide students with a variety of creative ways to finance your education—including scholarships, grants, loans, and work-study opportunities. Your application to Auburn automatically places you in a pool for most university and college scholarships. However, a few require a separate application and/or a free application for federal student aid (FAFSA). Students seeking scholarships should apply early.

Auburn’s Office of Financial Aid works closely with students to put together financial aid packages. In addition to your application for admission you must also complete the FAFSA.

www.auburn.edu/student_info/student_affairs/finaid

Honors College
Entering freshman and currently enrolled Auburn students who demonstrate the potential for academic excellence are eligible for admission into the University Honors College. Engineering students currently comprise 33 percent of this college, which provides qualified students with the opportunity to experience the advantages of a small college in the midst of the diverse opportunities available at a large university. Invitations are sent to all admitted freshman who meet the minimum requirements—high school GPA of 3.5, ACT of 29 or SAT of 1280.

www.auburn.edu/honors/Home

Computers
Computers are an essential part of engineering and Auburn’s computer network is one of the finest in the nation, including wireless access in many areas of campus.

Although students are not required to have a personal computer, it is strongly recommended. The dominant systems in the College of Engineering are IBM-compatible PCs and Sun Workstations. Students who wish to purchase a computer are encouraged to purchase IBM-compatible PCs. Students who do not own personal computers may lease them through the university or another source or they can utilize our 24-hour student computer labs. For minimum recommendations log on to:

Dear Student

Auburn’s College of Engineering is a great place. I know this because I am an Auburn Engineering graduate, with undergraduate and graduate degrees in civil engineering.

As a student, I never imagined that I would return to Auburn as the dean of engineering—but I did graduate with the certainty that my Auburn Engineering degree could take me anywhere and that my preparation would be the equal of any engineer. That’s because Auburn faculty and staff are committed to the kind of hands-on, focused undergraduate curriculum that has made Auburn Engineering the choice of so many students who have gone on to become leaders in a wide variety of careers that span the globe.

Recently we have begun an aggressive campaign to advance Auburn Engineering to the level of the nation’s engineering elite. We invite you to be a part of this future.

Engineering represents a challenging and rigorous course of study—but many have gone before you and succeeded in creating deeply satisfying careers whose byword has been that of people helping people. Join us on this exciting road...we believe it is a choice you will never regret.

Larry Benefield
Dean, Samuel Ginn College of Engineering

Visit Auburn University
Join us for E-Day
One of the most rewarding times to visit is on E-Day. E-Day offers departmental displays, tours of engineering facilities, and a look at the overall campus. Information about all aspects of campus life is available. E-Day is always on the last Friday in February, so mark your calendar.

Personal campus tours
If you can’t make it to E-Day, we also offer personal campus tours throughout the year with the exception of holidays and weekends. The best time to schedule your visit is during the academic calendar, when students are on campus.

Talk to students
Get the real story. Our students can tell you about life on and off campus and about the warm supportive environment that comes with joining the Auburn family.

Check out the city of Auburn
Auburn is just the right size. Warm, friendly and safe, campus is located at the center of a lively downtown with a variety of restaurants and numerous entertainment, arts, and recreational opportunities. And if you need an infusion of big city or beach we are an easy drive to Atlanta, Montgomery, Birmingham and the Gulf Coast.

Visit with us in Student Services
Our student services staff is here to help you and to provide answers to your questions about admission, scholarships and what sets Auburn apart from the competition. To arrange a visit, call the Office of Engineering Student Services at 334.844.4310 or e-mail us at: ess@eng.auburn.edu.
The Auburn Creed

I believe that this is a practical world and that I can count only on what I earn. Therefore, I believe in work, hard work.

I believe in education, which gives me the knowledge to work wisely and trains my mind and my hands to work skillfully.

I believe in honesty and truthfulness, without which I cannot win the respect and confidence of my fellow men.

I believe in a sound mind, in a sound body and a spirit that is not afraid, and in clean sports to develop these qualities.

I believe in obedience to law because it protects the rights of all.

I believe in the human touch, which cultivates sympathy with my fellow men and mutual helpfulness and brings happiness for all.

I believe in my country, because it is a land of freedom and because it is my own home, and that I can best serve that country by "doing justly, loving mercy, and walking humbly with my God."

And because Auburn men and women believe in these things, I believe in Auburn and love it.

—George Petrie