

The University

AUBURN UNIVERSITY, chartered in 1856, is located in Auburn, Alabama, and traces its beginning to the East Alabama Male College, a private liberal arts institution whose doors opened in 1859. From 1861 to 1866 the college was closed because of the Civil War. The college had begun an affiliation with the Methodist Church before the war. Due to financial straits, the church transferred legal control of the institution to the state in 1872, making it the first land-grant college in the South to be established separate from the state university. It thus became the Agricultural and Mechanical College of Alabama.

Women were admitted in 1892, and in 1899 the name again was changed, to the Alabama Polytechnic Institute. In 1960, the school acquired a more appropriate name, Auburn University, a title more in keeping with its location, size and complexity. The institution has experienced its greatest growth since World War II, and today enrolls 22,120 students, the largest on-campus enrollment in the state. The majority are Alabama residents.

Auburn University at Montgomery was established as a separately administered branch campus in 1967. The institution has developed rapidly, especially since moving to a 500-acre campus east of Montgomery in 1971. Current enrollment at AUM is about 5,400.

Statement of Role

Auburn University, Alabama's 1872 Land-Grant University, has a unique role in the state's total higher education enterprise, embracing and enhancing the interrelated functions of instruction, research and extension. In fulfillment of this mission, Auburn, in its 143-year history, has developed into a premier comprehensive University, offering outstanding, economically accessible instruction to its undergraduate, graduate and professional students, conducting research in an ever-expanding array of disciplines and reaching a growing number of Alabamians through public service and extension programs.

By striving for excellence in all its activities, Auburn represents a major resource in the state's economic, social and cultural development. In recognition of obligations to society, instruction, research and extension programs are also sensitive to national and global concerns. The primary resource for realizing these goals, as at all great universities, is the faculty; and it is through systematic recruitment, assignment, development, recognition and compensation programs that Auburn nurtures such a prominent, highly productive professional staff.

Instruction

Auburn offers the baccalaureate in more than 130 areas that span the spectrum of disciplines and provides the state's only publicly supported programs in many fields, including several in agriculture, forestry, architecture, building science, pharmacy and veterinary medicine. Particularly strong academic programs can be found in the Colleges of Liberal Arts, Sciences and Mathematics, Business, Education and Engineering. Through the years, ROTC programs at Auburn have been nationally prominent in providing leadership for the military. Auburn supports a comprehensive graduate school, providing master's level programs in more than 64 areas and the doctorate in more than 40 fields, many unique in Alabama. Strong graduate programs are found in agriculture, the biological and physical sciences, forestry, mathematics, engineering, education, the human sciences, pharmacy and veterinary medicine. More recently, excellent graduate offerings have emerged in the liberal arts, social sciences and business. As a comprehensive center for graduate education and research, Auburn develops its academic programs to adapt to the changing of modern society.

While Auburn has long been widely recognized for its quality and diversity in undergraduate and first-professional offerings, more recently and in relation to expanding research efforts the scope of graduate degree programs has risen to prominence. Notable growth is anticipated in programs with expanded research activity, especially in agriculture and the biological sciences, the physical sciences, engineering, education, business and the veterinary and pharmaceutical sciences. At the master's level, larger enrollments will be seen in the social sciences, liberal arts, education, business, human sciences and the professional programs.

The liberal arts and sciences, at the heart of Auburn's undergraduate instruction, not only form the foundation for professional and career pro-

grams but also provide the structure for Auburn's traditional commitment to the enhancement of students' personal and intellectual growth and the development of a more responsible citizenry. The core curriculum, by providing students with a common set of experiences, developing analytical and communication skills, and encouraging the understanding of culture and the natural world, has brought national attention to Auburn as an institution recognized for high academic quality.

The traditional commitment to excellence in teaching at both the undergraduate and the graduate level is reflected in the diversity of course offerings and in the variety of instructional approaches. Increasingly, electronic technology provides instructors the means for innovative and creative strategies, and the high academic aptitude of AU's incoming students make accelerated learning opportunities an important consideration in the continuing review and development of instruction.

Research

Research is the means through which new knowledge is created and new information is developed. As such, research at Auburn University is an essential link in its three-prong mission of instruction, research and outreach. Successes among the varied research activities within each of its 12 schools and colleges continue to bolster Auburn among the nation's top universities. These successes have been recognized by the National Science Foundation, the Carnegie Foundation and several national magazine surveys.

Auburn's role as a land-grant university emphasizes strong research programs in agricultural sciences, natural resources and the biological sciences. Additionally, Auburn has a long-term commitment to engineering and the physical sciences which has developed these areas into primary research disciplines. Emphasis is on expanding research programs in education; veterinary medicine; the liberal arts; human sciences; business; architecture, design and construction; and nursing.

Results from Auburn research flow directly into the classroom through instruction and to the public through outreach. Auburn's research thrusts, the essential element in fulfilling its land-grant mission, are many, and all cannot be listed separately in this limited space. Yet, programs underway through the various research institutions at Auburn, such as the Space Power Institute and Center for the Commercial Development of Space; the National Center for Asphalt Technology; the Institute for Biological Detection Systems; the Scott-Ritchey Research Center; the Alabama Agricultural Experiment Station; Engineering Experiment Station; forestry; and the Pulp and Paper Research and Education Center continue to bring Auburn University to the forefront in research developments and in forming links with the state's business and industry.

Whether in the laboratory, the field or in the classroom, Auburn's research endeavors are diverse and comprehensive, at once focusing upon developing solutions to major problems that confront humankind and expanding the base of knowledge and technologies available to improve our quality of life. Additionally, major efforts designed to increase the efficiency and effectiveness of the administrative aspects and the protection and development of intellectual properties are central to Auburn's continual drive for improvements in its research mission.

These efforts mesh to create a research environment that enhances the state's economic, cultural, social and intellectual development and, at the same time, undergirds the university's undergraduate, graduate and outreach programs.

Outreach

University Outreach is Auburn's land-grant responsibility to provide access across the state to its knowledge-based programs and service. Through outreach, individuals routinely make effective use of the University's resources to serve their educational needs, solve problems and improve the quality of their lives. Drawing on its university-wide faculty expertise, Auburn's Outreach programming addresses Alabama's economic development, youth at risk, excellence in government, continuing education for professionals, cultural preservation, and agricultural and natural resources.

On campus, University Outreach staff and faculty from each of Auburn's schools and colleges provide expertise and resources through a diverse program base. An average of 43,000 persons participate in more than 800 outreach conferences, courses and activities provided

each year by Auburn academic departments and outreach centers. Enrollments in courses and graduate programs delivered through distance learning technologies have increased more than 60 percent in the past five years, extending Auburn's reach beyond campus. Interdisciplinary initiatives for education and industry are benefitting citizens across the state, but particularly in west Alabama where Auburn operates several programs targeting the economically depressed region.

Outreach centers include Distance Learning & Outreach Technology, Economic Development Institute, Center for Governmental Services, Outreach Information and the Outreach Program Office. Other outreach program resources, such as the Auburn Industrial Extension Service, Truman Pierce Institute, Small Business Development Center and the Center for Arts and Humanities, are located in the AU schools, colleges and libraries. AU's traditional land-grant outreach programs are affiliated with the Alabama Cooperative Extension System, a unified program linking Auburn University and Alabama A&M University with a network of extension offices in each of Alabama's 67 counties. A telecommunications system connects Auburn, Extension System offices and Auburn University at Montgomery. A comprehensive directory of Auburn outreach resources and contacts is available at www.auburn.edu/outreach.

Auburn University Outreach works in concert with the land-grant missions of instruction and research to form a comprehensive educational engine. Through its combined faculty resources, research applications and outreach initiatives, Auburn University has a \$2.4 billion impact on the state's economy.

Purpose of the University

Based on its Statement of Role, Auburn University is dedicated to these purposes which have been approved by the faculty and the Board of Trustees:

Providing for its students, a broad general education, enhancement of personal and intellectual development and specialized education through the University's undergraduate, professional and graduate programs;

Preparing graduates whose knowledge, intellectual discipline and experience in the multiple aspects of our culture will be manifest in service to the people in this state, the nation and the world;

Conducting a broad program of research, both basic and applied, to stimulate the faculty and students in the quest for knowledge, to promote their intellectual growth and development, to broaden the foundations of knowledge, to increase understanding of our world and to aid society in resolving its scientific, technological, economic and social problems.

Creating and implementing effective programs of education and service that will provide special assistance throughout the state and the nation through the extension of the scientific, professional and cultural resources of the University to individuals, communities, institutions and industries, thereby contributing to an improved technology, better environmental and health conditions, enhancement of the general quality of life and the development of a more responsible citizenry;

Fulfilling the University's responsibilities for instruction, research and service in science and technology, including agriculture and engineering and programs in biological sciences, mathematics, physical sciences, social sciences and statutory mandate for the Alabama Agricultural Experiment Station and the Alabama Cooperative Extension System;

Encouraging scholarly and creative efforts in the arts and humanities so that the University may serve its students and the larger community as a vital source of general education and cultural enlightenment and as a stimulus toward participation of an educated citizenry in all avenues of life;

Fostering programs of education and research in those professional curricula uniquely or traditionally associated with Auburn University.

Auburn University is committed to reassessing its objectives and programs continually to assure their consistency with new knowledge and changing economic and social conditions and to seek more efficient and imaginative means of fulfilling the University's purposes.

Libraries and Archives

The main library on campus is the Ralph Brown Draughon Library, a 377,000 square-foot structure with seating for 2,500 and shelving space for about 2.5 million volumes. Branch libraries are located in the College of Veterinary Medicine and the College of Architecture,

Design and Construction. The Draughon Library houses Special Collections, which includes rare books, maps and the Archives and Manuscripts Department.

Collections include more than 2.4 million volumes, more than 2.3 million items in microformat, 1.5 million government publications and 136,000 maps. The Libraries receive more than 18,000 current serials, including 80 newspapers, as well as publications issued by the U.S. Superintendent of Documents, the U.S. Department of Energy, NASA and the bulletins of the state agricultural and engineering experiment stations. It participates in the depository programs of the U.S. Defense Mapping Agency, the U.S. Geological Survey and the U.S. National Oceanic and Atmospheric Agency. It also provides a World Wide Web gateway to the Government Printing Office's GPO Access - a database of federal publications.

Auburn University Libraries' World Wide Web home page provides users with access to the Internet and a number of remote databases, as well as CD-ROM databases mounted on a local area network. The various periodical databases contain references to selected journal and newspaper articles and research reports covering a spectrum of subject areas, and also include a growing number of full-text documents. Materials available in the Libraries' local collections are listed in AUBIECat, the Libraries' catalog. AUBIECat lists all books, journals, newspapers and most government publications AU Libraries hold. AUBIECat is available anywhere using the World Wide Web or telnet.

The Draughon Library contains 306 carrels for faculty and graduate student use, a room equipped for listening to approximately 6,500 sound recordings or viewing videos assigned for classroom purposes and an instructional microcomputer classroom. Photocopiers are located in a central photocopying facility on the second floor of the library, as well as on each of the other floors and in both branch libraries. Other services available to library users include two Geographic Information System (GIS) workstations, course reserve, electronic document delivery and interlibrary loans, as well as reference service and library use instruction by subject specialist librarians.

Circulation of library materials is automated through use of the on-line catalog and a barcoded user identification card. Borrowing privileges are extended to enrolled students; members of the administrative, research, instructional and extension staffs of the University; student and staff spouses; and active alumni association members. The libraries also have reciprocal borrowing agreements with the University of Alabama system and Auburn University at Montgomery.

Information Technology

Information Technology provides a broad spectrum of computing and communications services for the University community.

Internet Connectivity. AU Net, Auburn University's campus network, is the fiber-optic Ethernet backbone linking computers and networks in all buildings on campus to the Internet. The campus is connected to the Alabama Supercomputer Network (ASN) and the Internet through three high-speed fiber optic connections. Auburn University is a participant in the Internet2 initiative. AU Resnet connects computers in campus residence halls directly to AU Net.

Servers. An IBM enterprise server is connected to AU Net. Its academic uses include research, information storage and retrieval, selected instructional uses and special applications. Administrative functions include storage and retrieval of information necessary for daily operations of the University. Solaris, Netware and NT servers provide campus-wide network services including electronic mail, mailing lists, Web resources, Usenet news, user authentication and printing in computing labs, anonymous FTP and workgroup computing for departmental users.

Computers for Students. About 1,000 computers in labs across campus are available for use by individuals in specific departments. IT maintains 10 computing labs equipped with IBM-compatible microcomputers. The IT labs are connected to AU Net and provide access to network laser printing. IT computing lab software includes database, graphics, word processing and Web browsing. In addition to the general-purpose software, the IT labs provide access to special-purpose software purchased by departments for specific classes.

AU Lease is a centrally administered IT program, allowing students to lease a laptop computer. Leased machines are regularly upgraded.

World-Wide Web. As the Web becomes the world's primary medium of information exchange, Auburn University is in the forefront of the transition to Web-based applications of all kinds. Student registration

and records, course scheduling, and a wide range of instructional and administrative applications employing Web interfaces are currently in use and will continue to be developed.

The official AU Web site resides at www.auburn.edu. AU colleges, schools and departments maintain Web sites specific to their areas. The material on the primary AU Web site is freely accessible by anyone on the Internet and includes online directory services and a search engine. A dedicated restricted-access Web server, called AU Study, is provided for such items as copyrighted material which must be limited to persons affiliated with the University. A Real Media Server is available for distributing audio and video files and encoding live broadcasts. A Meeting Point Server enables video conferencing.

Instructional Technology. AU Study provides access to course materials and Web-based syllabus publishing. IT works with faculty members to enhance the use of the computer as a teaching tool. AU is equipped with a faculty lab for development of instructional technology, as well as several multimedia classrooms located around campus. The Campus Cable TV service provides intra-campus instructional programming. A classroom facility connected to the Interactive Inter-campus Telecommunications System allows access to state conferencing networks and other worldwide group video conferencing systems. IT assists departments with the production and

distribution of multimedia presentations across campus and around the globe through the use of C and Ku band satellite uplink facilities. Test scoring and analysis services are also available to instructors.

Support. Training, documentation and consulting are provided for students, faculty and staff via orientations, courses, videotapes, workshops, publications and the IT Help Desk (334/844-4944). The Help Desk is available during University business hours to answer questions regarding AU computing, telecommunications and information technology. The accompanying Web site at www.auburn.edu/helpdesk is always available and serves as a central dissemination point for information regarding all aspects of computing, information technology and telecommunications at the University. In addition to the online information, IT publishes a number of guides, brochures and tip sheets. The quarterly publication, *Survival Guide: A Student's Guide to Computing at Auburn University* is designed to help students learn about and use computing resources available to them at the University. Information Technology does not conduct an academic program. Inquiries concerning computer curricula should be directed to the College of Engineering or the College of Business.

Policies. Auburn University's Information Technology policies are on the Web at www.auburn.edu/it_policies.

Academic Policies

Undergraduate Admissions Policies and Procedures

Auburn University, an equal-opportunity educational institution, does not discriminate in its admissions policy on the basis of race, color, sex, creed, handicap, age or national origin. Preference is given to the admission of Alabama residents at the undergraduate level; in considering applications to professional schools or programs with restrictive admissions policies, the length of residency in the state will be a factor.

Applications for resident and non-resident students are accepted for all curricula; however, the number of students admitted is determined by the availability of facilities and faculty.

Application Forms. Application forms for admission to any undergraduate school or curriculum of the University can be obtained from the Admissions Office, Attention: Admissions Office, 202 Mary Martin Hall, Auburn University, AL 36849-5145. Application to the Graduate School or the School of Veterinary Medicine must be made to those schools.

Process for Application. Individuals may apply for entrance to any term of a calendar year as early as June 1 of the preceding year. Applicants to Veterinary Medicine and Pharmacy will be admitted in the Fall Semester only. Because of the large number of applications, credentials should be submitted as early as possible. In all cases, complete credentials along with the medical examination report must be filed at least three weeks before the term's opening. **The University reserves the right to establish earlier deadlines should circumstances warrant.** Preference will be given to students who have completed the application process by Dec. 1.

Application Fee. A \$25 processing fee (international application processing fee is \$50), payable by check, money order or credit card information, must accompany all admission applications and is neither refundable nor applicable to other fees. Responses on the application forms and on related materials must be complete and accurate; entrance may be denied or registration canceled as a result of false or misleading statements.

Applicants may receive provisional acceptance after they submit the application form and current academic documents. However, they must complete and return a medical examination report form provided by the University at least three weeks before the term opens. The University may require additional medical examinations, and it may refuse admission to individuals whose health records indicate that their health or the University community might be adversely affected by their attendance. All applicants must certify that they have registered with the Selective Service Board or that they are not required by law to register.

Applicants may be asked to supply evidence of good character. The University may deny admission to those whose presence is deemed detrimental to the institution or its students.

Admission of Freshmen: Academic Criteria. Favorable consideration for admission will be given to accredited secondary school graduates whose college ability test scores and high school grades give promise of success in college courses.

Secondary school students planning to apply for admission to AU should emphasize the following high school courses: English, mathematics, social studies, sciences and foreign languages.

High school curriculum requirements

English	4 years
Mathematics	3 years
Algebra I and Algebra II	2 years
Geometry, Trigonometry, Calculus, or Analysis	1 year
Science	2 years
Biology	1 year
Physical Science	1 year
Social Studies	3 years

Recommended: one additional Science, one additional Social Studies and one Foreign Language

Applicants are required to present scores from either the American College Test (ACT) or the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board. High school students may secure application forms from their principals or counselors. Scores on these tests are used as a partial basis for admission, for placement in English, chemistry, mathematics and for awarding University scholarships and loans.

Applicants whose native language is not English are required to demonstrate proficiency in English.

Applicants of mature age who are not high school graduates may be considered for admission if their educational attainments are shown through testing to be equivalent to those of a high school graduate. The tests used include the USAFI General Educational Development Test, the American College Test and/or other tests recommended by the Admissions Committee. Applicants from non-accredited high schools will be considered on an individual basis by the Committee.

Early Admission. Students of high academic promise may be admitted directly from the eleventh grade without a diploma. Basic requirements for early admission include:

1. Proper personal qualifications.
2. Superior competence and preparation, evidenced by the high school record and college aptitude test scores (ACT, SAT or other tests prescribed by the University Admissions Committee).
3. A letter from the high school principal assessing the applicant's emotional and social maturity and readiness for college work.

Additional information on this procedure is available at the Admissions Office.

Advanced Standing and Credit. Prospective students are advised to write the Registrar's Office at Auburn University requesting a brochure on the Advanced Placement Program.