

Graduate Degree Programs

College of Administrative Science

Master of Science in Management

Management of Technology

Master of Accountancy

Accounting

Master of Science in Management of Information Systems

Information Systems

College of Engineering

Master of Science in Engineering

Aerospace Engineering

Chemical Engineering

Civil and Environmental Engineering

Computer Engineering

Electrical Engineering

Optics and Photonics Technology Option

Industrial and Systems Engineering

Engineering Management Option

Mechanical Engineering

Master of Science in Operations Research

Operations Research

Doctor of Philosophy

Computer Engineering

Electrical Engineering

Industrial and Systems Engineering

Engineering Management Option

Mechanical Engineering

Chemical Engineering Option

Civil Engineering Option

College of Liberal Arts

Master of Arts

English

Class A Teacher Certification Option

Teaching English as a Second Language (P-12) Option

History

Psychology

Public Affairs (Political Science)

College of Nursing

Master of Science in Nursing

Acute Care Nurse Practitioner

Adult Health Nursing Specialist

Family Nurse Practitioner and Certificate

Nursing Administration

College of Science

Master of Arts

Mathematics

Master of Science

Atmospheric Science

Biological Sciences

Chemistry

Computer Science

Materials Science

Mathematics

Physics

Optics and Photonics Technology Option

Doctor of Philosophy

Applied Mathematics

Atmospheric Science

Computer Science

Materials Science

Physics

Interdisciplinary Programs

Doctor of Philosophy

Biotechnology Science & Engineering

Materials Science

Chemical Engineering Option

Electrical Engineering Option

Mechanical Engineering Option

Chemistry Option

Physics Option

Optical Science and Engineering

Fifth Year Programs - Education

Biology

Chemistry

English

History

Mathematics

Physics

The UAH School of Graduate Studies

A new level of excellence.

You've made the commitment to begin graduate school, and you know the commitment is a substantial one, whether you are attending to prepare for an academic career, to enhance your professional status or for personal enrichment. The University of Alabama in Huntsville School of Graduate Studies understands that you are looking for a school that provides the highest standards in graduate education and research. UAH just might be that school.

UAH has a strong tradition of education at the graduate level, and the School of Graduate Studies offers more than 30 master's and doctoral degrees, including programs in areas not found at many other universities, such as atmospheric science and optics. With a faculty dedicated to teaching and to high-caliber, innovative research and scholarship, UAH offers some of the most highly regarded graduate programs in the nation.

Research Opportunities, Facilities, and Resources

UAH places a great deal of emphasis on integrating teaching and research, a combination which greatly enhances the graduate program. UAH's School of Graduate Studies seeks to

assemble student and faculty scholars whose aims are to pursue advanced research both for pure knowledge and for practical application. Most of the breakthrough scholarship at UAH, including pioneering research in superconductivity, one of the first accurate interpretations of global warming data, the interpretation and writing of the history of NASA, and university-originated rocket launches for microgravity research, was accomplished by faculty members and students working closely together in an atmosphere that encourages collective scholarship and investigation.

The University has 208 full-time graduate faculty members, 97 percent of whom hold doctoral or terminal degrees. Graduate instruction is assisted by many expert scientists and engineers who hold research and management positions in Huntsville's high-tech community. UAH students benefit from close interaction with some of the most sought-after researchers and scholars in a variety of disciplines. In 1999, UAH's annual research expenditures exceeded \$35 million. The University was also designated as one of the first Space Grant Colleges in the nation in 1989 and was chosen to lead the Alabama Space Grant Consortium, a group of Alabama colleges and universities that funds student and faculty research projects in aerospace-related fields.

Research at UAH began at the University's Research Institute, founded in 1962. Over the years, the Research Institute has evolved into several separate centers and consortia that specialize in various areas of the University's primary research interests. Although UAH research has a firm base in the colleges of Engineering and Science, faculty scholarship and investigation has broadened into Administrative Science, Liberal Arts and Nursing over the years.

Computing Facilities: The University is connected to Alabama's supercomputer (CRAY-CA90) located in Huntsville and operated by the state of Alabama to foster research and graduate education.

The Kenneth E. Johnson Research Center and the Alabama Solar Research Center house the state Climatologist Office and other major laboratories dealing with atmospheric sciences, biotechnology, energy propulsion and storage, photovoltaics, cognitive systems, and alternative energies.

The Center for Microgravity and Materials Research (CMMR) is concerned primarily with exploring the advantages of weightlessness for materials preparation and purification.

The Center for Space Plasma and Aeronomic Research (CSPAR) is dedicated to research and education in plasma and aeronomy relative to the solar system and astrophysical environment.

The Center for Applied Optics (CAO) supports the academic disciplines in science and engineering. In addition to performing sponsored research for industry and government organizations, CAO serves as a central resource of research laboratories for the various academic and research units within the University.

The Center for Automation and Robotics (CAR) is designed to conduct research in the systems aspects of automation and robotics and to transfer this research to various governmental and industrial applications.

The Consortium for Materials Development in Space (CMDS) is a NASA-supported center that fosters commercialization in space. The CMDS sponsors the research programs of several science and engineering faculty members and offers microgravity flight opportunities on a variety of vehicles. A number of major U.S. Companies are members of CMDS.

The Center for Propulsion supports NASA's Marshall Space Flight Center and the Army Missile Command, both of which have major propulsion responsibilities.

The Consortium for Space Life Sciences provides key studies for NASA and its supporting industries in life support systems for the long-term habitation of space.

The Center for Management and Economic Research and the Center for Management of Science and Technology have been established to study the business and legal aspects of technology enterprise.

The Earth Systems Science Center conducts research into atmospheric science and hydrology, in cooperation with scientists from NASA and its contractors.

Graduate Assistantships and Fellowships

Support in the form of teaching and research assistantships, as well as fellowships and tuition scholarships, is awarded to selected students on a competitive basis. Applicants desiring an assistantship or fellowship should request an application from the chair of the department or program where their interest lies. Teaching and research assistantships include the payment of tuition and are highly competitive with other Southeastern research universities.

Qualified applicants who are U.S. citizens are encouraged to make application for predoctoral fellowships from the National Science Foundation (NSF), the National Aeronautics and Space

Administration (NASA) and other agencies. Interested applicants should contact the School of Graduate Studies as early as possible in order to meet the application deadline for these awards.

Minority applicants are eligible for additional awards and are encouraged to contact the School of Graduate Studies at any time for additional information.

Graduate Housing

Suite and apartment-style on-campus housing is available for UAH graduate students. Campus housing is convenient to shopping areas, restaurants, movie theaters, and recreation facilities. All units are equipped with laundry rooms, recreation rooms and study lounges. Several units are designed to meet the needs of handicapped students and married graduate students.

Since University Housing space is limited, students interested in living in campus housing should apply at least two academic terms before enrolling at UAH. An application deposit submitted with completed application form will reserve a place on the waiting list for campus housing. Assignments are first come, first served.

University Family Housing is designed to accommodate married graduate students. These one bedroom apartments are located near grocery and convenience stores, schools, major shopping areas, and restaurants. A wide variety of affordable non-university owned off-campus housing is available as well, much of which is only a short distance from the campus.

Job Placement

The UAH Office of Career Services schedules and conducts interview visits by industry and government employers throughout the academic year. To assist UAH students in their career and employment decisions, the Office of Career Services also has established several programs our graduate students find valuable. Career counseling, interview workshops, job search and resume writing instruction is offered along with assistance in locating part-time jobs in your area of interest. Approximately 1500 to 2000 graduate students at UAH attend school part-time while employed by local businesses, industries, or other organizations.

The UAH Cooperative Education (Co-op) Program provides the opportunity for qualified graduate students to gain beneficial experience and money for university expenses by alternating terms of university enrollment with terms of full-time employment in a field related to their major. The Co-op Program, now in its twentieth year, is one of the largest in the Southeastern United States. In 1999-2000, UAH co-op students collectively earned over two million dollars.

The Community

The city of Huntsville (metropolitan population 265,000) is best known for its cluster of high-tech industries built around the National Aeronautics and Space Administration (NASA), the U.S. Army Redstone Arsenal, and the 2000-acre Milton K. Cummings Research Park. The city is located in the north central section of the state, two hours from both Birmingham, AL and Nashville, TN via Interstates 65 and 565, and accessible by bus and several airlines that serve the North Alabama area from the Huntsville International Airport.

The UAH campus occupies 376 acres in suburban northwest Huntsville adjacent to Cummings Research Park. The campus is comprised of 31 buildings.

We encourage you to visit The University of Alabama in Huntsville and the city of Huntsville and get to know us better.

There are many things to see in Huntsville, including the world-famous U.S. Space and Rocket Center. Tourist information, including details on hotels, restaurants, and points of local interest, can be found at the Huntsville Convention and Visitor's Bureau (256) 533-5723.

Graduate Application Procedure

1. Submit the application form and the \$35 application fee to the Office of Graduate Studies, Materials Science Bldg., Huntsville, Alabama 35899. No fee is required for students who have previously attended UAH.

2. Complete the request for two transcripts from each college previously attended and mail this form directly to each college along with the appropriate funds to cover the costs of the transcripts.

3. Comply with the testing requirements as given below: The general portion of the Graduate Record Examination (GRE) is required of each applicant for unconditional admission to the graduate programs in Liberal Arts, Engineering and Science.

Students entering the graduate program in Administrative Science are required to take the Graduate Management Admissions Test (GMAT). The Miller Analogies Test (MAT) or GRE may be taken for unconditional admission to the graduate program in English, Nursing and Public Affairs. It is suggested that applicants take the GRE at the earliest possible opportunity, since it takes several weeks for the scores to be received at UAH. Each applicant must take the GRE, GMAT or the MAT to be considered for regular admission to the graduate school. International students must score 500 or better on the Test of English as a Foreign Language (TOEFL) in order to be considered for admission.

Information regarding the GMAT, MAT or the GRE is available from the Office of Testing Services in the Administrative Science Building at UAH. You may also find information through our web site at www.uah.edu. Scores from these examinations should be reported directly to the Office of Graduate Admissions. While the MAT is given at UAH, the GMAT and GRE are computer-based tests.

Students wishing to pursue a graduate program in English should submit a statement concerning their personal and career plans.

Psychology students are required to submit a) three recommendations evaluating suitability for the program. At least one of these recommendations must be from a professor of psychology; b) at least one term paper, preferably experimental in nature, which is representative of the student's written work; and c) a statement of the student's intent for graduate study which includes scholarly and research interests. Recommendations should be sent to the Department of Psychology directly from the person recommending the student. The term paper and statement of purpose should be sent by the student to the Department of Psychology. The deadline for applicants is June 1.

Nursing students are required to submit three letters of reference, one of which should be from a faculty member or the Dean of the College where the student earned their BSN, and one from an employer/supervisor. All references must be returned directly to the Nursing Office of Student Affairs by the

Phone Numbers to Remember

Bookstore	824-6600
Bursar	824-6226
Financial Aid	824-6241
Graduate Studies	824-6002
Testing Services	824-6725

individual recommending the student. Reference forms may be obtained by contacting the Nursing Office of Student Affairs at (256) 824-6742. Priority is given to students who have completed the application process by April 1st. Applications will continue to be accepted until available spaces are filled.

Procedure for International Graduate Student Admission

International students must complete an International Graduate Application. Immigrant (permanent) residents and U.S. citizens should complete the standard graduate application.

Admission Standards and Categories

For admission to the UAH School of Graduate Studies, applicants must hold a bachelor's degree from an approved institution. The following minimum requirements are acceptable to the graduate school; individual departments may require higher averages or additional requirements.

Unconditional Admission: Applicants may be admitted unconditionally if they;

1. Have a minimum grade-point average of B (3.0) on the undergraduate record and,
2. Have a minimum total score of 1500 on the general test (verbal, quantitative, and analytical) portion of the Graduate Record Examination (GRE) or (for English, Nursing, and Public Affairs programs) a minimum total score of 50 on the Miller Analogies Test.

College of Administrative Science:

1. Have a minimum index score of 950 (1000 for the M.Acc. program) determined by taking (the undergraduate GPA multiplied by 200) + the GMAT score.

Conditional Admission. The graduate school may conditionally admit applicants who do not satisfy all of the above requirements for unconditional admission but who do show reasonable potential for doing graduate work. Conditional admission requires the approval of both the graduate dean and the chair of the department in which the applicant plans to pursue an advanced degree.



FOR MORE INFORMATION

The University of Alabama in Huntsville
Office of Graduate Admissions
C-206 Materials Science Bldg.
Huntsville, Alabama 35899
256/824-6198 or 824-6199
grad.admit@uah.edu

Graduate

UAH

The University of Alabama in Huntsville

**Graduate
Application**

Application



Application