

Graduate Certification Programs

A graduate certification program represents an emphasis area within a particular field or it could be interdisciplinary and involve several fields. Other certificate programs may exist in the various colleges or schools. Inquiries should be addressed to these colleges.

The Bush School Certificate Program in Advanced International Affairs packages critical graduate education experiences in a novel way. It involves a multidisciplinary series of graduate courses for people whose careers or personal interest cause them to seek a more complete understanding of world affairs, but who may not have the time or disposition for a longer, residential graduate degree. Students admitted to the certificate program complete 12 credit hours of study typically involving four graduate-level courses. The set of courses from which students select include intelligence, national security, diplomatic history, international business and government, geography and world systems, international law, and certain skill courses (e.g. cross-cultural negotiation).

An applicant, once admitted, can enter the certificate program at any time and must have a bachelor's degree and meet certain other qualifications. Inquiries may be addressed to the Bush School.

Individuals who successfully complete the certificate program will be awarded a certificate by the Bush School. Grades for courses taken as part of this program will appear on the transcript.

Dietetic Internship Certificate. The combined graduate degree - Dietetic Internship is accredited by the Commission on Dietetics Educations. The program integrates knowledge gained in coursework and laboratories with intensive training in professional settings. Students gain experience in community nutrition/outpatient, business/foodservice management, and clinical dietetics. Major affiliating institutions include Scott and White Memorial Hospital and Clinic and The Central Texas Veterans Health Care System. Upon completion of the program students are eligible to take the registration examination to become a Registered Dietitian.

Certificate in Entrepreneurship. A certificate in entrepreneurship and technology commercialization provides a base understanding of new business planning; key issues encountered when developing commercial applications for new technical discoveries; the general legal aspects of intellectual property protection; fundamental business start-up and securities laws; and the management of creativity and innovation in organizational settings. To complete the certificate program, you would need to take the following four courses, for a total of 12 hours. MGMT 632, MGMT 637, MGMT 638, MGMT 640. This certificate is open to Mays MBA students and other selected students.

Certificate in Environmental Hazard Management. This cross-disciplinary program is housed in the College of Architecture and is designed to provide students with an understanding of the interrelationship between the built environment and extreme events in the natural environment. The program consists of a series of courses that are open to students from any graduate degree program at Texas A&M University.

Certificate in Facility Management. This certificate program, while housed in the College of Architecture, provides students in any graduate degree program at Texas A&M University an opportunity to develop a body of knowledge in facility management that will further their career goals. The certificate assumes that facility management is a cross-disciplinary field. The program is designed to ensure that students gain a sense of mutual respect for others in the field, and appropriate awareness, understanding, and ability within a specific body of knowledge.

Certificate in Health Systems and Design. This interdisciplinary certification program was created by the colleges of Architecture and Medicine to promote research, innovation, and communication focusing on health facility planning and design. The program is available to students pursuing any graduate degree at Texas A&M University. Though the program emphasizes a cross-disciplinary perspective, it also ensures that students develop in-depth understanding and ability within the field of health systems design.

Certification in Hispanic Bilingual Education. The Department of Educational Psychology at Texas A&M University offers a Certification Program in Hispanic Bilingual Certification. This certification can be transcribed and meets the requirements of the Texas State Board of Educator Certification (SBEC). This certification is appropriate for Hispanic Bilingual classroom teachers. It requires the following coursework: Hispanic Bilingual Assessment and Monitoring; Dual Language Programs Methodologies; Content Area Instruction for Hispanic Bilingual Programs; Bilingual for Hispanic Bilingual Students; and Bilingual and Dual Language Classroom for Hispanic Students.

Certificate in Historic Preservation. Based in the College of Architecture, the Certificate in Historic Preservation is open to students in any graduate degree program at Texas A&M University. This cross-disciplinary program draws on strong discipline-based academic programs that prepare graduates to further their career goals. The certificate assumes that historic preservation is a cross-disciplinary field, and the program is designed to ensure that students gain a sense of mutual respect for others in the field, and appropriate awareness, understanding, and ability within a specific body of knowledge.

The Graduate Certificate in International Agriculture and Resource Management (IARM) is available to persons majoring in one of the 17 graduate programs in the College of Agriculture and Life Sciences (COALS). This emphasis area consists of 13 semester hours. For more information and to coordinate content of and participation in the certificate program with the content of their own degree programs, graduate students in COALS should contact the departmental advisor or the IARM certificate coordinator in their department. Additionally, students should register their intent to complete the requirements for the IARM graduate certificate with the Office of International Agricultural Programs.

Certificate in International Business (Mays MBA Students Only). The increasing globalization of contemporary business environment finds companies under pressure to change and adapt to new technologies and markets. Companies need MBA students that are sensitive to diverse cultures and understand global developments and ethics.

The Graduate Certificate in International Business provides you with the knowledge base and international exposure needed to meet the global business challenges today's organizations face.

The Certificate in International Business will be awarded to Mays MBA students that meet the following academic requirements:

1. Successfully complete the prerequisite "International Business" course offered in Term 3 of your MBA program.
2. Participate in a semester-long (summer, fall or spring) overseas study program identified by Mays Business School and take at least four (12 credit hours) of international business courses.

Mays MBA students have several options available to fulfill requirement the overseas study and international business course requirements.

Graduate Certificate in International Business (Mays MS Students Only) is an innovative program, both interdisciplinary and international in its orientation, offered by the Mays Business School. All graduate business students seeking a Master of Science degree are eligible to pursue the Certificate program, which requires a minimum of 12 semester credit hours of international business course work that can be accommodated within the regular graduate business program. For more information and to coordinate content of and participation in the certificate program, graduate business students should contact the departmental advisor of the MS program.

Graduate Certificates in Remote Sensing and in Geographic Information Systems (GIS) are joint programs through the Departments of Forest Science and Geography.

GIS technologies are applied to wide-ranging fields with interests in spatially distributed information such as transportation, environmental/resource management, marketing, facility management, healthcare delivery, agriculture, and planning.

Remote Sensing (RS) technologies are applied to wide-ranging fields such as environmental/resource management, marketing, facility management, agriculture, planning, homeland security and intelligence. In addition, the synergistic linkages between RS technologies and Geographic Information Systems (GIS) are rapidly increasing.

These certificate programs have been designed to meet the growing demand for qualified individuals. Each certificate requires 12 hours of coursework. For detailed information please contact a graduate advisor in the Department of Forest Science or the Department of Geography.

Certificate in Supply Chain Management (Mays MBA Students Only). Supply Chain Management (SCM) is, by its very nature, multidisciplinary. It draws heavily upon an expertise in operations management, business logistics, physical distribution, purchasing, channel management, information technology, and decision sciences.

The program leverages SCM and information technology expertise to create an innovative and state-of-the art SCM program.

Such a focus parallels recent trends in industry, and provides significant differentiation and competitive advantages for Mays MBA students. The certificate requirement is completion of a four-course (12-hour) program beyond the SCM specialization course offered in term three of the Mays MBA Program curriculum.

Certificate in Sustainable Urbanism. Sustainable Urbanism is an interdisciplinary program based in the Center for Housing and Urban Development (CHUD) in the College of Architecture. The certificate has been designed to provide students with an understanding of the interrelationship between the sustainability, cities, and the environmental design professions. The Sustainable Urbanism Program consists of a series of courses that are open to students from any graduate degree program at Texas A&M University.

Certificate Program in Tree Improvement is offered through the Department of Forest Science and targets practicing tree improvement professionals who want to make a more significant contribution to the scientific management of tree breeding programs. It is also available to graduate students enrolled in a degree program. The certificate is structured around four courses and a field practicum and consists of 13 semester hours. The courses will emphasize applied tree improvement techniques, the principles of forest genetics, tree structure and physiology, and developments in biotechnology applied to tree improvement. These four courses are offered with a web based distance-learning format and have a short field practicum as a capstone. The certificate is designed to be completed in two years. For detailed information please contact a graduate advisor in the Department of Forest Science.

Computational Sciences Certificate Program

The Computational Sciences Certificate Program was developed to meet the increased need for computational techniques to help solve complex science and engineering programs. This program is targeted to science and engineering students enrolled in graduate studies. The goal of this certificate program is to provide formal documentation upon a student's transcript that they have taken additional courses focused on the computational aspects that supplement a given degree in science and engineering. To fulfill the certification requirements, a student must complete four courses, as described by the program outline, and a capstone project in their home department.

This certification will provide graduate students with a broad-based multidisciplinary enhancement to their degree program as well as prepare them with the intellectual infrastructure to be the new leaders in computational science, engineering, and technology. By joining this certification program, graduates will receive an official certified transcript that will add value and marketability to their advanced degree. For more information, visit <http://isc.tamu.edu/cscp> or send an e-mail message to cspc@isc.tamu.edu.

International Graduate Certificate Program (College of Educational and Human Development). The College of Education and Human Development International Education and Graduate Certificate Program consist of coursework and field experiences that will give graduate students an international perspective on educational issues. The certificate program will give students an interdisciplinary basis from which to interpret and analyze global socioeconomic and cultural influences that shape educational systems. In order to meet the needs of an increasingly demographically-diverse society, U. S. educators and administrators must increase their knowledge about the various cultures that are part of our country. In addition, educators and administrators who work and live abroad need exposure to international theories and experiences in order to prepare them for leadership positions abroad.

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