



The University of Texas at Dallas Online Catalog

2006-2008 Undergraduate Catalog

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Degree Programs

Core Curriculum

The University of Texas at Dallas requires that all students complete a Core Curriculum of 42 semester credit hours that serves as the foundation of the undergraduate education program of the university. These requirements must be met by every student pursuing a baccalaureate degree at The University of Texas at Dallas, regardless of his or her major. A specific course may be used to satisfy only one core requirement. Individual academic programs may require courses contained in parts of The University Core Curriculum to satisfy particular degree requirements. Students may be required to take extra courses if they fail to select these courses. In accordance with *Texas Education Code* Chapter 61, Subchapter S, a student who successfully completes a recognized core curriculum at another Texas public institution of higher education may transfer that block of courses to U.T. Dallas where it will be substituted for the U.T. Dallas core curriculum. Students are expected to master the techniques of English composition and rhetoric and complete a requirement in advanced writing. Students will be offered an exposure to the foundations of mathematical reasoning, an orientation to the natural sciences, an exploration of the methods of inquiry and the ways of knowing and expression in the arts and humanities, and an introduction to the history, government, and politics of the United States and Texas. The core curriculum also provides students the opportunity to choose an elective from a range of courses offered by the School of Behavioral and Brain Sciences.

A. Communication (6 hours)

English Rhetoric and Composition (6 hours): At least one course that requires students to learn to communicate effectively in clear and correct prose and to master several modes of writing, including descriptive, expository, narrative and self-expressive. Other courses may require students to master more specific forms of writing tailored to the professional standards in their major field of study. Upper-division writing classes have RHET 1302 as a prerequisite. All courses require that students write, received detailed feedback about, and revise at least 15 double-spaced pages.

B. Mathematics and Quantitative Methods (6 hours)

College Math (3 hours): Requires students to master the formal principles of algebra or calculus at a level higher than high school algebra II.

Quantitative Methods (3 hours): Requires students to master logical reasoning and inference; the application of mathematical concepts; statistical methods; or formal principles of algebra, calculus, or advanced mathematics beyond the College Math requirement.

C. Natural Science (9 hours)

Science (9 hours): Introductory or foundations-level treatment of fields of inquiry in the natural sciences.

Laboratory Science: At least one course must have a substantial laboratory component.

D. Humanities and Fine Arts (6 hours)

Visual and Performing Arts (3 hours): Introductory or foundations-level treatment of one or more of the visual or performing arts.

Humanities (3 hours): Introductory or foundations-level treatment of literature, philosophy, cultural studies, modern language, or classic language.

E. Social and Behavioral Sciences (15 hours)

U.S. and Texas History (6 hours): Courses in United States and Texas history that satisfy Texas state law.

U.S. and Texas Government and Politics (6 hours): Courses that

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satisfy Texas state law requiring 6 semester hours or the equivalent in government or political science that include consideration of the Constitution of the United States and the constitutions of the states, with special emphasis on the Texas Constitution.

Social and Behavioral Science (3 hours): Introductory or foundation-level treatments of any one or combination of topic areas dealing with the scientific inquiry of human behavior and social systems at the level of individuals, groups, societies, political systems, economic systems, management systems, or cultures. Approaches topics from a scientific perspective rather than a historical, philosophical, or applications perspective.

Electives

The degree requirements of every major include the opportunity for elective courses, that is, courses exploring subjects not directly related to the student's major. The minimum number of elective hours is 18. Specific exceptions have been granted to Electrical Engineering and Accounting, where the minimum number is 12. Six of the elective hours for all majors are required to be selected from advanced electives, which are defined as upper level courses, or lower level courses that have prerequisites, and that are outside the major. All students are encouraged to use their electives to explore fields beyond their major.

Field of Study

If a student successfully complete a field of study curriculum approved by The Texas Higher Education Coordinating Board, that block of courses may be transferred to The University of Texas at Dallas and substituted for appropriate lower division requirements of the appropriate degree. Following receipt of credit for these courses, the student may be required to satisfy further requirements in the field of study curriculum for that degree at U.T. Dallas.

Honors Program

Collegium V

The University offers a comprehensive program of enrichment and recognition, known as Collegium V, for outstanding students. Collegium V includes special seminar style classes offered by selected university professors as well as a program of extracurricular activities designed to encourage and reward exceptional academic achievement. Benefits available to participants in Collegium V include extended library borrowing privileges, early registration for Honors seminars, research and internship opportunities with professors, and an agenda of cultural events such as concerts, exhibits, and plays.

Since membership in Collegium V is limited, interested students should contact:

The Office of Undergraduate Education - MP16
ATTN: Collegium V
The University of Texas at Dallas
P. O. Box 830688
Richardson TX 75083 0688
(972) 883 4297

Major and Related Areas of Study

Courses taken in satisfaction of requirements for the student's major field of study are major and related courses. Some of these may be outside the courses with the major's designation; such courses are related to the major and required for its satisfaction. Other requirements may be satisfied by courses from lists of guided electives within the major and related courses. Finally, some requirements may be courses preparatory to the major; they are not considered major core or major related courses.

Minors

Some academic units designate a set of classes that constitute a minor in that academic unit. The requirements of the minor are set by the faculty of the academic unit offering the minor, not by the academic unit of the student's major field of study. When an academic unit offers a minor in a field of study, it is open to all students in the university regardless of school of origin. Students who take a minor will be expected to meet the normal prerequisites in courses making up the minor. Minors consist of a minimum of 18 credit hours, of which at least 12 must be upper-division hours, although individual academic units may require more hours at their sole discretion. No credit hours may be used to satisfy both the major and minor requirements; however, free elective hours or major preparatory classes may be used to satisfy the minor. At least one-third of the hours for a minor must be taken at U.T. Dallas. Students enrolled as of Fall, 1999, who are pursuing majors under prior catalogs may incorporate minors in their degree plans. Students should consult with an advisor in their major field of study as they select and plan minors.

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Statement on Equal Educational Opportunity

The University of Texas at Dallas is committed to an educational and working environment that provides equal opportunity to all members of the University community. In accordance with federal and state law, the University prohibits unlawful discrimination on the basis of race, color, religion, national origin, gender, age, disability, and veteran status. Discrimination on the basis of sexual orientation is also prohibited pursuant to University policy.