

BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES DEGREE: (2004 - 2006 Catalog)

The Bachelor of Science in Interdisciplinary Studies Program emphasizes a broad learning experience and a wider perspective than that provided by traditional undergraduate majors. It is designed to offer the student the opportunity to participate in an interdisciplinary, coherent, academically sound, and goal-oriented education directly relevant to the student's intellectual development and career aspirations. They are appropriate for those students who seek a thorough grounding in the traditional arts and sciences from an interdisciplinary perspective.

Each student in the Interdisciplinary Studies program becomes an active partner in the formulation of his or her program of study, working in consultation with a faculty advisor to devise an appropriate individual degree plan. Within the framework of two foundation areas, a university-wide interdisciplinary studies sequence, and a multidisciplinary concentration, a student may draw upon the resources of all schools of the university to create a degree program. In addition to organized courses, students are encouraged to participate in the Internship Program and thereby combine academic with practical experience. Minors and double majors including Interdisciplinary Studies are not available.

Bachelor of Science in Interdisciplinary Studies

Degree Requirements (120 hours)

- I. Core Curriculum Requirements*: 42 hours
 - A. Communication (6 hours)
 - 3 hours Communication (RHET 1302)
 - 3 hours Communication Elective (BIS 3320)
 - B. Social and Behavioral Sciences (15 hours)
 - 6 hours American Government (GOVT 2301 and GOVT 2302)
 - 6 hours History (HIST 1301 and 2301)
 - 3 hours Social and Behavioral Sciences Elective
 - C. Humanities and Fine Arts (6 hours)
 - 3 hours Fine Arts (ARTS 1301)
 - 3 hours Humanities (HUMA 1301)
 - D. Mathematics and Quantitative Reasoning (6 hours)
 - 6 hours Calculus (minimum of MATH 1325 and 1326)
 - Students may elect to substitute MATH 2417 and MATH 2419 and count two of the credit hours as Free Electives.
 - E. Science (9 hours including at least one course with a substantial laboratory component).

* Curriculum requirements can be fulfilled by other approved courses from accredited institutions of higher education. The courses listed in parenthesis are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at U.T. Dallas.

- II. Major Requirements: 54 hours
 - Major Core Courses (12 hours)
 - Three Science IS courses
 - BIS 3320 The Nature of Intellectual Inquiry*
 - Major Related Courses (42 hours)
 - Two Foundations: 12 hours each (24 student credit hours)
 - Foundation I consists of courses taught by the School of Natural Sciences and Mathematics. Foundation II is drawn from one of Arts and Humanities, Behavioral and Brain Sciences, Computer Science, General Studies, Management, and Social Sciences.
 - One Concentration: 18 hours
 - Each student devises, in consultation with his/her advisor, the topic for

the
related to the
course work
must be a

Concentration and selects 18 student credit hours of course work
topic, drawn from at least three academic disciplines. Appropriate IS
may be selected. Three courses must be science courses and one
statistics course.

3320 is
*An additional (or fourth) IS course (science or non-science) will be taken if BIS
used to satisfy the Core Curriculum Communication Elective requirement.

- III. Elective Requirements: 24 hours
Advanced Electives (6 hours)
Free Electives (18 hours)
Students may elect to substitute appropriate higher-level math courses and count
the credit hours over six credits as Free Electives.

Students must complete 51 hours of upper-division course work to graduate.