School of Interdisciplinary Studies

Interdisciplinary Studies (B.A., B.S.)

The Bachelors' degrees in Interdisciplinary Studies emphasize a broad learning experience and a wider perspective than that provided by traditional undergraduate majors. They are 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 an academic 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.

Common areas of concentration for the B.A.I.S. are Business Issues, Environmental Studies, Human Resources, International Relations, Law, Public Relations, Urban Studies and courses toward Teacher Certification (EC-6 and 4-8). Graduates have been accepted into graduate programs in Divinity, Environmental Studies, the health professions, Humanities, Interdisciplinary Studies, Law, Management, and Social Sciences. The B.S. in Interdisciplinary Studies is selected by students interested in Environmental Studies, the health professions, and other science-related fields. Students interested in pre-health are advised to contact the HPAC (Health Professions Advising Center) during their first semester.

Minors and Double Majors are not allowed in these two Interdisciplinary Studies degrees. In order to make the Interdisciplinary Studies degrees reflect their name, no more than 21 hours of courses with the same prefix are allowed in the combined major requirements and the 6 hours of advanced electives. (All courses taught by the Naveen Jindal School of Management courses count as a single prefix.) In the major requirements and 6 hours of advanced electives, there must be a minimum of 51 hours of upper-division courses. In the concentration, a minimum of three (3) prefixes must be represented. Please consult an academic advisor for further elaboration.

Bachelor of Arts in Interdisciplinary Studies

Degree Requirements (120 hours)

I. Core Curriculum Requirements\(^1\): 42 hours

Communication (6 hours)

3 hours Communication (RHET 1302)
3 hours Communication Elective (BIS 3320)\(^2\) \(^3\)
Social and Behavioral Sciences (15 hours)

- 6 hours Government (GOVT 2301 and GOVT 2302)
- 6 hours American History
- 3 hours Social and Behavioral Sciences Elective

Humanities and Fine Arts (6 hours)

- 3 hours Fine Arts (ARTS 1301)
- 3 hours Humanities (HUMA 1301)

Mathematics and Quantitative Reasoning (6 hours)

- 3 hours College Algebra (MATH 1306 or MATH 1314)
- 3 hours Statistics (STAT 1342 or PSY 2317)

Science (9 hours including at least one course with a substantial laboratory component)

II. Major Requirements: 60 hours (51 hours beyond the Core Curriculum)

Major Preparatory Courses (6 hours)

- MATH 1306 College Algebra for the Non-Scientist
- or MATH 1314 College Algebra
- STAT 1342 Statistical Decision Making
- or PSY 2317 Statistics for Psychology

Major Core Courses (12 hours)

- One 3 hour ISIS course
- One 3 hour IS course offered by another school (ISAH, ISEC, ISNS, or ISSS)
- One 3 hour course chosen from AMS, GST or ISIS
- BIS 3320 The Nature of Intellectual Inquiry

Major Related Courses (42 hours) consisting of:

- Two Foundations: 12 hours each (24 credit hours)
  - The two foundations are drawn from the Schools of Arts and Humanities, Behavior and Brain
Sciences, Computer Science, Economic, Political and Policy Sciences, Interdisciplinary Studies, Management, and Natural Sciences and Mathematics.

One Concentration: 18 hours

Each student devises, in consultation with his/her advisor, the topic for the Concentration and selects 18 semester credit hours of course work related to the topic, drawn from at least three academic disciplines.

Appropriate IS course work may be selected.

III. Elective Requirements: 27 hours

Advanced Electives (6 hours)

Guided Elective (1 hour)

BIS 1100 Interdisciplinary Studies Freshman Seminar

Free Electives (20 hours)

Students must complete 51 hours of upper-division course work to graduate, of which 21 must be taken at UT Dallas.

Honors in Interdisciplinary Studies (BA)

GPA: 3.900 cumulative GPA, 3.900 GPA in courses described below, and a total of 30 upper level UT Dallas hours as described below.

Required courses:

BIS 3320 The Nature of Intellectual Inquiry (3 hours)

Foundation I (3 hours)

Foundation II (3 hours)

Concentration (15 hours)

Options: (6 hours)

6 hours of Practice Teaching

6 hours of Internship

3 hours of Internship and one three hour ISIS/AMS/GST course

Notation on Transcript: Honors in Major

https://catalog.utdallas.edu/2012/undergraduate/programs/is/interdisciplinary-studies
Bachelor of Science in Interdisciplinary Studies

Degree Requirements (120 hours)

I. Core Curriculum Requirements\(^1\): 42 hours

**Communication (6 hours)**
- 3 hours Communication (RHET 1302)
- 3 hours Communication Elective (BIS 3320)\(^2\) \(^6\)

**Social and Behavioral Sciences (15 hours)**
- 6 hours Government (GOVT 2301 and GOVT 2302)
- 6 hours American History
- 3 hours Social and Behavioral Sciences Elective

**Humanities and Fine Arts (6 hours)**
- 3 hours Fine Arts (ARTS 1301)
- 3 hours Humanities (HUMA 1301)

**Mathematics and Quantitative Reasoning (6 hours)**
- 6 hours Calculus (MATH 1325 and 1326 or MATH 2417 and 2419)\(^2\) \(^7\)

**Science (9 hours including at least one course with a substantial laboratory component)**

II. Major Requirements: 60 hours\(^8\) (51 hours beyond the Core Curriculum)

**Major Preparatory Courses (6-8 hours)**
- Either MATH 1325 Applied Calculus I\(^2\) \(^7\) and MATH 1326 Applied Calculus II\(^2\) \(^7\)
  - or MATH 2417 Calculus I\(^2\) \(^7\) and MATH 2419 Calculus II\(^2\) \(^7\)

**Major Core Courses (12 hours)**
- Three Science IS courses
  - BIS 3320 The Nature of Intellectual Inquiry\(^2\) \(^6\)

**Major Related Courses (42 hours) consisting of:**
Two Foundations: 12 hours each (24 student credit hours)

Foundation I consists of courses taught by the School of Natural Sciences and Mathematics, Computer Science, or Science courses from the School of Behavior and Brain Sciences.

Foundation II is drawn from Arts and Humanities, Behavior and Brain Sciences (if not used for Foundation I), Computer Science (if not used in Foundation I), Economical, Political and Policy Sciences, Interdisciplinary Studies, and Management.

One Concentration: 18 hours

Each student devises, in consultation with his/her advisor, the topic for the Concentration and selects 18 semester credit hours of course work related to the topic, drawn from at least three academic disciplines. Appropriate IS course work may be selected. Three courses must be science courses and one must be a statistics course.

III. Elective Requirements: 27 hours

Advanced Electives (6 hours)

Guided Elective (1 hour)

\textbf{BIS 1100} Interdisciplinary Studies Freshman Seminar

Free Electives (20 hours)

Honors in Interdisciplinary Studies (BS)

GPA: 3.900 cumulative GPA, 3.900 GPA in courses described below, and a total of 30 upper level UT Dallas hours as described below.

Required courses:

\textbf{BIS 3320} The Nature of Intellectual Inquiry (3 hours)

Foundation I - Natural Science and Mathematics (6 hours)

Concentration (15 hours)

Options: (6 hours)

6 hours of Practice Teaching

6 hours of Internship

3 hours of Internship and one three hour ISIS/AMS/GST course

\textbf{Notation on Transcript:} Honors in Major
Highly Recommended

Internships, basic computer skills, foreign languages, international studies, and courses in literature and history, offered by the School of Interdisciplinary Studies are highly recommended in all Interdisciplinary Studies degree plans. Students should consult closely with their advisors on particular areas of interest they wish to include in their programs.

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

2. A required Major course that also fulfills a Core Curriculum requirement.

3. An additional IS course will be taken if BIS 3320 is used to satisfy the Core Curriculum Communication Elective requirement.

4. It will be 51 hours if MATH 1314, STAT 1342, and BIS 3320 are taken as part of the students' core curriculum requirements.

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

6. An additional ISIS course will be taken if BIS 3320 is used to satisfy the Core Curriculum Communication Elective requirement.

7. Students may elect to substitute MATH 2417 and MATH 2419 for MATH 1325 and MATH 1326 and count two of the credit hours as Free Electives.

8. It will be 51 hours if MATH 1325, MATH 1326 and BIS 3320 are taken as part of the students' core curriculum requirements.

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