

College of Arts and Sciences

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Warren W. Burggren, Dean

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Introduction

The College of Arts and Sciences embraces instruction, research and service across a broad spectrum of science, the arts, humanities and social sciences. As a direct result of these activities, the college delivers lively, stimulating programs of study in a thought-provoking, intellectual climate. The college emphasizes the creation of specialized learning links with other areas of knowledge provided by other colleges, with the ultimate goal being to foster an understanding of the complex, multi-faceted world around and beyond us.

The dedicated faculty and staff of the college strive continuously to provide students with a strong, comprehensive general education that will prepare them for successful careers in a rapidly changing and sometimes unpredictable world. Consequently, its degree programs help students develop both the critical thinking ability and the dedicated knowledge base essential for achieving a high quality of life and for being better, more informed citizens.

Consistent with the goals of providing a comprehensive, relevant education, the College of Arts and Sciences prepares students to acquire certain key, basic proficiencies:

1. written and oral communication and mathematics;
2. qualitative and quantitative understanding of the basic processes of the physical and life sciences;

3. working knowledge of a foreign language and foreign culture beyond the two years expected before entering college;
4. understanding and appreciation of the various fields of learning represented by historical inquiry, the visual and performing arts, the processes of thought in the humanities and philosophy, and the investigation of the causes and consequences of human actions pursued in the social sciences; and
5. appropriate levels of knowledge and critical ability in a chosen discipline and its method of inquiry.

Students in the College of Arts and Sciences will receive the intellectual stimulation and the conceptual framework to explore critically the interconnected worlds of self, man, society and nature. They will acquire the necessary literacies and broad-based exposure to the main elements of human experience that initiate the lifelong process of being an educated person and, that in most instances, also provide the means to enter graduate schools or a variety of careers.

The college consists of the following departments and areas of study:

- Aerospace Studies
- Biological Sciences
- Chemistry
- Communication Studies
- Dance and Theatre
- Economics
- English
- Foreign Languages and Literatures
- Forensic Science
- General Studies
- Geography
- History
- International Studies
- Jewish Studies
- Linguistics and Technical Communication
- Mathematics
- Military Science
- Philosophy and Religion Studies
- Physics
- Political Science
- Psychology
- Radio, Television and Film
- Social Science
- Speech and Hearing Sciences
- Women's Studies

Academic Advising

Academic advisors and counselors are available in the College of Arts and Sciences Dean's Office for Undergraduates and Student Advising in the General Academic Building, Room 220, to assist students in the development and pursuit of meaningful educational goals.

Majors

The College of Arts and Sciences Dean's Office for Undergraduates and Student Advising has trained academic advisors who are assigned to specific majors. The academic advisors prepare students' degree audits, assist majors with core curriculum issues and requirements for their chosen major, and process graduation applications. Faculty advisors in the department assist the students in their major.

Pre-Majors

Students in the following departments begin as pre-majors and complete a specific set of requirements prior to becoming majors. Students will need to contact the faculty advisor in the department to discuss how to meet requirements to be an official major.

- Biochemistry
- Biology
- Communication Studies
- Converged Broadcast Media
- English
- International Studies
- Political Science
- Psychology
- Radio, Television and Film
- Theatre

Non-Degree Students

Some students attend UNT to complete specific requirements prior to enrolling at a professional school. Many of these students are in the health-related professions, as well as other areas. The director of health professions and the health professions counselor are located in the College of Arts and Sciences Dean's Office for Undergraduates and Student Advising and assist students in these allied health areas.

Non-degree students are students taking classes at UNT prior to enrollment in a professional school, including the following:

- Chiropractic
- Dental hygiene
- Dietetics
- Nursing
- Occupational therapy
- Pharmacy
- Respiratory therapy

Some students elect to choose a major while completing the prerequisites for their chosen field and earn a bachelor's degree from UNT. Other students apply and are accepted to their chosen professional school as soon as they have completed the prerequisite courses required by their professional school of choice.

Degree Requirements

The basic structure of all bachelor's degrees consists of a large set of general education requirements common to all degrees (University Core Curriculum – 42 hours at UNT), a small set of requirements unique to the school or college offering the degree (college requirements), a set of requirements defining a major field of study as determined by a department (major/professional/concentration – a minimum of 24 hours, including 12 advanced hours earned at UNT), and electives chosen freely or in consultation with an advisor to reach the minimum number of hours required for the degree. A lesser field of study, a minor (minimum of 18 hours), is optional unless specified in the degree requirements. All degrees require that 30 hours be earned at UNT and that at least 42 hours are at the advanced level (3000- and 4000-level courses).

Degree Audit

A degree audit is an official document of the university that lists all the courses needed to complete a chosen degree and shows how all of the courses completed are applied toward the degree. Students should file for a degree audit when certain of their major by making an appointment with the faculty advisor in the major department. Transfer students will need to bring:

- copies of transfer transcripts;
- catalog descriptions of transfer courses; and
- the initial Core Curriculum Transfer Evaluation/Audit Form.

After the degree audit advising session with the faculty advisor, the department advisory form is sent to the Dean's Office for Undergraduates and Student Advising (GAB, Room 220) for preparation of the degree audit. Within a few weeks, a degree audit will be mailed to the address provided. Students may obtain an updated copy each term/semester from GAB, Room 220. Academic advisors in GAB, Room 220, are available by appointment to assist students with questions that may arise as they chart their progress.

Programs of Study

The college offers the following undergraduate degrees:

- Bachelor of Arts;
- Bachelor of Fine Arts;
- Bachelor of Science;
- Bachelor of Science in Biochemistry, Biology, Chemistry, Economics, Engineering Physics, Mathematics, Medical Technology and Physics;
- Professional, preprofessional and specialized programs;
- Minors in a variety of disciplines – see individual departments; and
- Academic certificates.

Candidates for the Bachelor of Arts and Bachelor of Science degrees must satisfy all general requirements for the bachelor's degree listed in the Academics section of this catalog, and all requirements of the arts and sciences degree requirements listed below. Candidates for the Bachelor of Fine Arts degree must satisfy all requirements for the bachelor's degree listed in the Academics section of this catalog.

Degree Requirements and the University Core Curriculum

Occasionally a course required for a degree may also satisfy a requirement of the University Core Curriculum. In addition to taking the required course, a student may elect to take a different course from among those available to fulfill that core requirement; doing so, however, may add to the total number of hours required for the degree. Students who have questions regarding degree requirements and core requirements should consult an academic advisor.

Bachelor of Arts Degree Requirements

Candidates for the Bachelor of Arts must meet the following requirements.

1. **Hours Required for the Degree:** Completion of a minimum of 120 total semester hours; 42 must be advanced.
2. **General University Requirements:** See “General Degree Requirements” in the Academics section of this catalog.
3. **College of Arts and Sciences Degree Requirements:** See “Arts and Sciences Degree Requirements” in this section of the catalog for specific requirements and list of approved courses. See specific degree audit for exact hours.
4. **Major Requirements:** A major of at least 24 semester hours; 12 hours of advanced work in the major must be completed at UNT.

5. **Minor:** None required.
6. **Electives:** See individual major.
7. **Other Course Requirements:** See individual major.
8. **Other Requirements:** Completion of all other requirements for a major and a minor as specified by the respective departments.

Bachelor of Fine Arts Degree Requirements

Candidates for the Bachelor of Fine Arts degree must meet the following requirements.

1. **Hours Required for the Degree:** Completion of a minimum of 120 total semester hours; 42 must be advanced.
2. **General University Requirements:** See “General Degree Requirements” in the Academics section of this catalog.
3. **Major Requirements:** Major in dance is available. See the Department of Dance and Theatre for specific requirements.
4. **Minor:** None required.
5. **Electives:** See individual major.
6. **Other Course Requirements:** See individual major.
7. **Other Requirements:** Completion of all other requirements for a major or minor as specified by the respective departments.

Bachelor of Science Degree Requirements

Candidates for the Bachelor of Science must meet the following requirements.

1. **Hours Required for the Degree:** Completion of a minimum of 120 total semester hours; 42 must be advanced.
2. **General University Requirements:** See “General Degree Requirements” in the Academics section of this catalog.
3. **College of Arts and Sciences Degree Requirements:** See “Arts and Sciences Degree Requirements” in this section of this catalog for specific requirements and list of approved courses. See specific degree audit for exact hours.
4. **Major Requirements:** A major of at least 24 semester hours; 12 hours of advanced work in the major must be completed at UNT.
5. **Minor:** None required.
6. **Electives:** See individual major.

7. **Other Course Requirements:** See individual major.
8. **Other Requirements:** Completion of all other requirements for a major and a minor as specified by the respective departments.

Core Curriculum

Candidates for the Bachelor of Arts and Bachelor of Science degrees in the College of Arts and Sciences must complete the University Core and the Arts and Sciences degree requirements shown below. Candidates for the Bachelor of Science degree may have other options for the foreign language requirement. Candidates for the Bachelor of Fine Arts degree must satisfy the requirements of the University Core Curriculum. Students should see the departmental advisor for their major for more information.

University Core Curriculum

- English Composition and Rhetoric (6 hours):** See approved list in the Academics section of this catalog.
- Mathematics (3 hours):** See “University Core Curriculum Requirements” in the Academics section of this catalog.
- Natural Sciences (6 hours):** See “University Core Curriculum Requirements” in the Academics section of this catalog.
- United States History (6 hours):** See approved list in the Academics section of this catalog.
- Political Science (6 hours):** See approved list in the Academics section of this catalog.
- Visual and Performing Arts (3 hours):** See approved list in the Academics section of this catalog.
- Humanities (3 hours):** See approved list in the Academics section of this catalog.
- Social and Behavioral Sciences (3 hours):** See approved list in the Academics section of this catalog.
- Understanding the Human Community (6 hours):** See approved list in the Academics section of this catalog.

Arts and Sciences Degree Requirements

The following requirements are in addition to or a specification of the University Core Curriculum requirements for Bachelor of Arts degrees and some Bachelor of Science degrees.

1. **Mathematics (3 hours of approved courses; also satisfies the university core):** MATH 1190, MATH 1400, MATH 1580, MATH 1581, MATH 1600, MATH 1610, MATH 1650, MATH 1680, MATH 1681, MATH 1710 or MATH 1720. Students must follow all prerequisites as listed in this bulletin. MATH 1350 and MATH 1351 are not to be used to satisfy this requirement.

2. **Laboratory Science (3–4 hours, in addition to the university core):** One course from the natural and life sciences or the physical sciences (some majors require specific and/or additional laboratory science courses; see your departmental advisor for more information). Note: The College of Arts and Sciences requires students to complete at least 9 hours of laboratory science (including at least 6 hours in the university core) with at least one course in the natural and life sciences and at least one course in the physical sciences, as listed below:

Natural and Life Sciences: ARCH 2800; BIOL 2700/ ANTH 2700; BIOL 1112, BIOL 1122, BIOL 1132, BIOL 1710/BIOL 1730, BIOL 1711*/BIOL 1733*, BIOL 1720/BIOL 1740, BIOL 1722*/BIOL 1744*, BIOL 2301/BIOL 2311, BIOL 2302/BIOL 2312, BIOL 2381/BIOL 2382; GEOL 1610; GEOG 1710; SMHM 2460.

Physical Sciences: CHEM 1360, CHEM 1410/CHEM 1430, CHEM 1412*/CHEM 1430, CHEM 1415/ CHEM 1435, CHEM 1420/CHEM 1440, CHEM 1413*/CHEM 1430, CHEM 1422*/CHEM 1440, CHEM 1423*/CHEM 1440; PHYS 1052, PHYS 1062, PHYS 1270, PHYS 1315, PHYS 1316*, PHYS 1410/ PHYS 1430, PHYS 1420/PHYS 1440, PHYS 1510/ PHYS 1530, PHYS 1520/PHYS 1540, PHYS 1710/ PHYS 1730, PHYS 2220/PHYS 2240.

**For honors students only*

3. **Foreign Language (3–14 hours or proficiency):** Must attain Intermediate II (2050) level (prerequisite for 2050 course is 2040; prerequisite for 2040 course is 1020; prerequisite for 1020 course is 1010). Students pursuing a Bachelor of Science degree should consult their advisor about core requirements.

Major and Minor

For requirements in the major and minor, students should consult “General University Requirements” in the Academics section of this catalog, and department or division sections.

Other Requirements

Elective hours as needed at either the lower level or advanced level to meet the minimum of 120–125 semester hours for graduation, including 42 advanced hours. Electives should be chosen in consultation with an advisor.

Teacher Certification

Note: See “Teach North Texas” or “Social Science” for teacher certification in mathematics, science or social science.

The College of Arts and Sciences encourages students to explore teaching as a career option. The student’s departmental advisor or academic advisor in the Dean’s Office for Undergraduates and Student Advising in GAB, Room 220, can assist students with course requirements for certification. Students seeking certification for grades 8–12 must also complete the required 21 hours in upper-level education courses (EDSE 3800, EDSE 3830, EDSE 4060, EDSE 4070, EDSE 4108, EDSE 4118, EDSE 4840) and meet all GPA requirements to apply for state certification. Students seeking certification for grades EC–12 must complete a set of pedagogy courses specific to their teacher certification area (see College of Education advisor for list of courses) and must meet all GPA requirements to apply for state certification. In order to enroll in the first required education courses, the student must make application to the certification program in the College of Education in Matthews Hall, Room 105. All state certification requirements and information on required examinations are available on the web site of the State Board for Educator Certification (SBEC), www.sbec.state.tx.us. Students interested in post-baccalaureate certification or pursuing a master’s degree with certification must make application and meet all admission requirements of the Toulouse School of Graduate Studies.

Teacher Certification Areas

Secondary (Grades 8–12)

Biology (Life Science)
 Chemistry (Chemistry, Physical Science)
 Communication (Speech)
 Dance
 English (English Language Arts and Reading)
 Foreign Language (French, German, Spanish)
 History
 Mathematics (Math, Math-Physics)
 Physics (Physics-Math, Physical Science)
 Social Science (Social Studies)

All-Level (Grades EC–12)

French*
 German*
 Spanish*
 Theatre

* Pending approval by the the Texas Higher Education Coordinating Board and the State Board of Educator Certification.

Teach North Texas

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UNT is authorized to recommend secondary and all-level teacher certification for students who have completed a baccalaureate degree in mathematics, biology, chemistry and physical science.

Although teacher certification programs share many commonalities, each certificate has unique requirements. What applies to one certificate is not necessarily applicable to another. Also, additions, deletions and revisions to existing teacher standards, content areas and certificate levels continue to be made by the State Board for Educator Certification. Many certificates previously available have been or are scheduled to be replaced or deleted. Although overlap provisions exist for some certificates they are not broadly applicable to all content areas. Special conditions apply to students pursuing certification who already are licensed to teach in Texas and to teachers seeking transfer of their certification from another state or country. Therefore, it is impractical to list requirements for individual content areas in this catalog.

The student is responsible for initiating the degree/certification plan process and should do so as soon as possible after being formally accepted at the university. Advising should be sought in the Teach North Texas Office.

Minor in Mathematics and Science Secondary Teaching

Minor Requirements: 21 hours are required, as follows:

1. **Course Requirements:**
 - a. TNTX 1100, Secondary Teacher Education Preparation I: Inquiry Approaches to Teaching (1 hour)
 - b. TNTX 1200, Secondary Teacher Education Preparation II: Inquiry-Based Lesson Design (1 hour)
 - c. PHIL 2600, Ethics in Science (3 hours)
 - d. EDSE 3500, Knowing and Learning in Mathematics and Science (3 hours)
 - e. EDSE 4000, Classroom Interactions (3 hours)
 - f. EDSE 4500, Project-Based Instruction in Math, Science and Computer Science (3 hours)
 - g. EDSE 4608/EDSE 4618, Student Teaching I and II in Mathematics and Science (6 hours)

h. EDSE 4128, Student Teaching Seminar in Science, Math and Computer Science (1 hour)

2. Other Requirements:

- a. Enrollment in TNTX 1100 and TNTX 1200 is open to all students after consultation with and consent of the Teach North Texas advisor.
- b. A minimum GPA of 2.50 is necessary to complete the minor and be recommended for certification.

Teacher Certification and Endorsements

Teacher certification is a function of the State Board for Educator Certification. Completion of the bachelor's degree and the required education courses does not necessarily result in certification by the agency. In order to receive recommendation for teacher certification through the University of North Texas, the student must have:

- successfully completed the above minor requirements;
- successfully completed student teaching, including attendance at appropriate seminars and passing a comprehensive teacher preparation examination; and
- passed appropriate sections of the Texas Examinations of Educator Standards (TExES), as applicable. Additional certifications may require satisfactory scores on portions related to those areas.

Access to Texas teacher licensure testing (TExES bar codes) is available only to those students who have successfully completed an initial teacher certification program or who are passing their final education courses and have passed the departmental competency exams. Some content areas also require that the competency exam be passed as part of the requirements for a passing grade in specific courses. (Students should consult the Courses of Instruction section of this catalog for identification of those courses.)

The TExES is offered at least once each long term/semester and once in the summer. Contact the TExES Advising Office in Matthews Hall, Room 103 for further information (940-369-8601).

Scholarships

The Charles T. and Mildred L. Newell Memorial Scholarship

To qualify, a student must meet minimum entrance and academic performance standards of the College of Arts and Sciences, enroll as a full-time undergraduate student majoring in a College of Arts and Sciences academic program, and maintain full-time enrollment at the university (unless the applicant has less than twice the number of semester hours required to be full-time remaining in the degree audit).

The deadline to apply for this scholarship is April 1. Applications are available during February and March.

President's Council Scholarship

To qualify, a student must meet minimum entrance and academic performance standards of the College of Arts and Sciences, enroll as a full-time undergraduate student majoring in a College of Arts and Sciences academic program, and maintain full-time enrollment at the university (unless the applicant has less than twice the number of semester hours required to be full-time remaining in their degree audit).

The deadline to apply for this scholarship is April 1. Applications are available during February and March.

The Frank C. Spencer Rural Student Scholarship

To qualify, a student must come from a "highly rural" Texas county defined by population density, demonstrate financial need, meet minimum and continuing academic performance standards, and maintain full-time enrollment in a program of the College of Arts and Sciences (unless the applicant has less than twice the number of semester hours required to be full-time remaining in the degree audit).

International Studies

Bachelor of Arts with a Major in International Studies

Main Office, Advising
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Emile Sahliyah, Director

Introduction

This major is designed to prepare students for jobs in the public and private sectors, where globalization is increasing dramatically, or to enter a graduate degree program. These opportunities are concentrated in, but not limited to, six areas of international studies that draw from a variety of social science disciplines.

Admission to the Major

All students entering UNT as freshman or transfer students wishing to pursue the Bachelor of Arts degree with a major in international studies enter as pre-majors. Pre-majors must complete at least 45 hours of college course work in order to declare and apply for major status and file a degree audit for the international studies major.

1. Complete 45 hours of college courses including:
 - a. INST 2100, Introduction to International Studies
 - b. GEOG 1200, World Regional Geography
 - c. HIST 1060, World History from the Sixteenth Century
 - d. University core requirements for English
 - e. College of Arts and Sciences Math requirement
 - f. Complete at least the level of 1020 in the foreign language requirements.
 - g. All pre-major course work must be completed with a 2.5 UNT GPA or better.

Bachelor of Arts with a Major in International Studies

Degree Requirements

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of degree requirements for the Bachelor of Arts degree as specified in the “General University Requirements” in the Academics section of this catalog and the College of Arts and Sciences requirements.
2. **Major Requirements:** Majors need 39 hours from the list of approved courses below, including:
 - a. INST 2100, Introduction to International Studies
 - b. GEOG 1200, World Regional Geography
 - c. HIST 1060, World History from the Sixteenth Century
 - d. INST 4850, INST 4851, INST 4852 or INST 4853, depending on area of concentration and in consultation with advisor.
 - e. In addition, students should take at least 27 hours in one of the areas listed below. Some courses (e.g. INST 4850 and INST 4900, Special Topics) may be repeated for credit as topics vary and if the subject is appropriate. Twelve of the 27 hours must be advanced level courses.
 - f. In order to graduate with a Bachelor of Arts degree with a major in international studies, students must have achieved a minimum cumulative GPA of 2.5 at the time of graduation.

g. In order to graduate with a Bachelor of Arts degree with a major in international studies, students must take 6 hours (advanced) in a foreign language of their choice. Students concentrating in Regional Studies are required to choose a foreign language that compliments their specific area of concentration. See “Foreign Language for Regional Studies Students,” below.

Area 1, International Security and Diplomacy: In addition to taking INST 4851, International Security, students who select International Politics and Security as their area of concentration must complete 27 hours as listed below:

- 9 hours in International Politics and Diplomacy: AECO 4120; HIST 3720, HIST 4360, HIST 4790, HIST 4800, HIST 4840; PSCI 3810, PSCI 4800, PSCI 4810**, PSCI 4820, PSCI 4830, PSCI 4840, PSCI 4850.
- 9 hours in International Conflict and National Security: ANTH 4701* (when taught as “Socio-cultural Aspects of Terrorism,” or if topic deemed appropriate); CJUS 4870*/** (when taught as “Understanding Terrorism”); EADP 3010, EADP 4040**, EADP 4090**; PSCI 4700* (when taught as “Terrorism in Europe,” or if topic deemed appropriate), PSCI 4630, PSCI 4640, PSCI 4820*, PSCI 4821, PSCI 4822, PSCI 4825; SOCI 4260* (when taught as “Sociology of Disasters”).
- 9 hours in Military History: HIST 4070, HIST 4090, HIST 4260* (when taught as “Aviation in Peace and War,” “World War I,” or courses on the Korean and Vietnam wars), HIST 4350, HIST 4650, HIST 4660; or, when topic is appropriate, HIST 4262, HIST 4263.

Area 2, International Business and Economics:

In addition to taking INST 4852, Critical Issues in Global Economics Senior Seminar, students who select International Business and Economics as their area of concentration should take 30 hours from the approved list of classes in this area as listed below:

- ECON 1110.
- In addition, the student must take 9 hours in each of the 3 following areas:
- Economics: AECO 4030, ECON 4100, ECON 4510, ECON 4550, ECON 4600, ECON 4850, PSCI 4860.
 - Management: LSCM 3960, LSCM 4360, LSCM 4530, MGMT 3880, MGMT 4210, MGMT 4660.
 - Marketing and Business Practice: BCIS 4720, BUSI 1340, BUSI 4660, BUSI 4700, BLAW 4480, MKTG 2650, MKTG 3720, MKTG 4280, MKTG 4620, MKTG 4810, SMHM 2750, SMHM 2800.

Area 3, International Development: In addition to taking INST 4853, Global Development Senior Seminar, students who select International Development

as their area of concentration must complete 27 hours as listed below:

- 6 hours from Survey courses: ANTH 1100; ECON 4600*; PSCI 4660, PSCI 4720; SOCI 4160, SOCI 4750.
- 6 hours from Political Economy: ANTH 4701* (when taught as “Political Anthropology”); EADP 4040*; ECON 4100*; PSCI 4860; GEOG 3010**.
- 15 hours from Social and Environmental: ANTH 2035**, ANTH 2200, ANTH 4500**, ANTH 4300, ANTH 4550; ECON 4440*; GEOG 1170, GEOG 4120**; PHIL 2500, PHIL 4700**; SOCI 2010/WMST 2420; SOCI 2070, SOCI 3330*, SOCI 3700, SOCI 4160, SOCI 4260*, SOCI 4750; WMST 4260**.

Area 4, Regional Studies: In addition to INST 4853, Global Development Senior Seminar, students who select Regional Studies as their area of concentration must complete 27 hours as listed below:

- 9 hours from World Survey Topic/Theme: ANTH 1100, ANTH 1150, ANTH 2200, ANTH 2300; HIST 4070; MUET 3030; PHIL 2070; PSCI 3600, PSCI 3700* (when topic appropriate), PSCI 4670, PSCI 4720; SOCI 3700, SOCI 4750.

Regional Choice: the student should select two regions from the following four regions of the world and take 9 hours in each region.

- Europe:** ANTH 3600; AEAH 4808**; GEOG 4030**; HIST 4060, HIST 4090, HIST 4100, HIST 4105, HIST 4110, HIST 4262* (when topic is appropriate), HIST 4300, HIST 4320, HIST 4340, HIST 4350, HIST 4360, HIST 4365, HIST 4370, HIST 4385, HIST 4390; PSCI 3700* (when taught as “The Former Soviet Union and Eastern Europe” or Western Europe”).
- Latin America:** ANTH 3200, ANTH 3210; AEAH 4820*; BUSI 4700*/**; HIST 4171, HIST 4172, HIST 4190, HIST 4260* (when taught as “Latin America”), HIST 4263*; PSCI 3700* (when taught as “Latin America”).
- Asia:** ANTH 3700, ANTH 3710, ANTH 3720; AEAH 4823**; HIST 4263*, HIST 4550, HIST 4560, HIST 4570; PHIL 3585**, PHIL 3595**; PSCI 3700* (when taught as “Asia”).
- Africa and the Middle East:** ANTH 3500, ANTH 3400; AEAH 4822*, AEAH 4825*/**; GEOG 3750, GEOG 4040**; HIST 4580, HIST 4590, HIST 4263* (when taught as “History of the State of Israel”), HIST 3450, HIST 4240, HIST 4245, HIST 4246; JOUR 4210* (when taught as “Society, Politics and the Media in Israel”); MUET 3617/DANC 3617, MUET 3040/ANTH 4770* (when study abroad is Africa); PSCI 3700* (when taught as “African Politics” or “Israeli Politics”), PSCI 4710, PSCI 4824, PSCI 4825.; SOCI 4260*

(when topic is appropriate, including “Economic Development in Sub-Saharan Africa,” “Social Welfare in West Africa” and “Health and Illness in Sub-Saharan Africa”).

Foreign Language for Regional Studies Students

In their choice of a foreign language to satisfy degree requirements, students who select Regional Studies as their area of concentration must choose a language that compliments their primary area of concentration. Students who choose Asian studies as their area of concentration may select either Chinese or Japanese; students who choose Latin America may select Spanish or Portuguese; students who choose European Studies may choose German, French, Italian or Russian; students who choose Africa and the Middle East may select Arabic or French.

Area 5, Africa and the Middle East: In addition to taking INST 4850, International Studies Senior Seminar, students who select Africa and Middle East Studies as their area of concentration must complete 27 hours as listed below.

They should take 9 hours in each of the following three areas:

- Culture: ANTH 3500, ANTH 3400; AEAH 4822**, AEAH 4825*/**; MUET 3617/DANC 3617, MUET 3040/ANTH 4701 (when study abroad is Africa)*.
- History: HIST 3450, HIST 4240, HIST 4245, HIST 4246, HIST 4263* (when taught as “History of the State of Israel”), HIST 4580, HIST 4590.
- Geopolitics: GEOG 3750, GEOG 4040**; PSCI 3700* (when taught as “African Politics” or “Israeli Politics”), PSCI 4710, PSCI 4824, PSCI 4825.

Area 6, Peace Studies: Students who select Peace Studies as their area of concentration must take 27 hours as listed below (including 21 hours of Peace Studies and 6 hours from a second area of concentration):

- PSCI 3500
- 3 hours from each of the following three sub-areas:
 - Determinants of Violence:** CJUS 4330, CJUS 4350*; EADP 4090*; PSCI 4640, PSCI 4821, PSCI 4825; or when topic is appropriate, ANTH 4600*/**, ANTH 4701*/**; HIST 4260*, HIST 4262*, HIST 4263*; PSCI 4700*, PSCI 4850, PSCI 4900.
 - Conflict Management:** AECO 4000, AECO 4120; COMM 3320*; PSCI 4660, PSCI 4822, PSCI 4823, PSCI 4825; or, when topic is appropriate, HIST 4260*; PSCI 4700*, PSCI 4850, PSCI 4900.
 - Issues of Justice:** ANTH 2035**; ECON 3150*; HIST 3150, HIST 4390, HIST 4440, HIST 4450, HIST 4455, HIST 4465, HIST 4470, HIST 4780; PSCI 3100*, PSCI 4210, PSCI 4360, PSCI 4520,

PSCI 4660, PSCI 4720, PSCI 4800, PSCI 4810**, PSCI 4823, PSCI 4824; SOCI 3330**, SOCI 4160, SOCI 4540**; or, when topic is appropriate, HIST 4260*; PSCI 4490*, PSCI 4850.

- 9 hours from the approved courses in the three sub-areas above or from: AECO 4420**; PSCI 3600, PSCI 3810; SOCI 4750; ENGL 4660.

- 6 hours from a second area of concentration, excluding Peace Studies.

Students are strongly encouraged to take internships to fulfill part of the 9 elective hours. Courses listed in more than one field may be counted toward the requirements of only one field.

*May be repeated for credit as topics vary.

**Consult course description regarding necessary prerequisites.

3. **Other Course Requirements:** 6 upper-division hours in a foreign language.

It is strongly recommended that students take advantage of Study Abroad opportunities. Students are also encouraged to do an internship in their area of concentration. The internship will count for 3 hours.

4. **Minor:** Optional.

5. **Electives:** See four-year plan.

BA with a Major in International Studies

The following four-year plan is one example of a variety of ways in which you can complete your chosen degree in four years, and will serve as guide for you to design your pathway to degree completion. Variations will depend on whether you need to take prerequisites or have college credit from exams or dual enrollment.

The College of Arts and Sciences expects you to have completed the State recommended high school program and be ready to enroll for Language 2040 or a mathematics course above college algebra. If you are not prepared for this level, the necessary prerequisites will either replace electives or increase the hours required for the degree.

FRESHMAN YEAR

FALL	HOURS
ENGL 1310, College Writing I, or ENGL 1313, Computer Assisted College Writing I*	3
GEOG 1200, World Regional Geography	3
LANG 2040, Foreign Language (intermediate, may be used to satisfy a portion of Understanding the Human Community requirement)**	3
MATH (see approved list)**	3
PSCI 1040, American Government*	3
Total	15

SPRING HOURS

ENGL 1320, College Writing II, or ENGL 1323, Computer Assisted College Writing II*	3
HIST 1060, World History from the Sixteenth Century	3
LANG 2050, Foreign Language (intermediate, may be used to satisfy a portion of the Understanding the Human Community requirement)**	3
PSCI 1050, American Government*	3
Visual and Performing Arts*	3
Total	15

SOPHOMORE YEAR

FALL HOURS

HIST 2610, United States History to 1865*	3
INST 2100, Introduction to International Studies	3
LANG (advanced)	3
Humanities*	3
Natural Sciences**	3
Total	15

SPRING HOURS

HIST 2620, United States History Since 1865*	3
LANG (advanced)	3
INST area	3
Physical Science**	3
Social and Behavioral Sciences*	3
Total	15

JUNIOR YEAR

FALL HOURS

INST Area (advanced)	3
INST Area	3
Elective (advanced)	3
Elective	3
Laboratory Science**	3
Total	15

SPRING HOURS

INST Area (advanced)	3
INST Area	3
Elective (advanced)	3
Elective	3
Elective	3
Total	15

SENIOR YEAR

FALL HOURS

INST Area (advanced)	3
INST Area	3
Elective (advanced)	3
Elective (advanced)	3
Elective (advanced)	3
Total	15

SPRING	HOURS
INST Senior Seminar (see area of concentration)	3
INST Area (advanced)	3
INST Area	3
Elective (advanced)	3
Elective (advanced)	<u>3</u>
Total	15

**See the University Core Curriculum section of this catalog for approved list of course options.*

*** See Arts and Sciences degree requirements section of this catalog for approved list of course options.*

Actual degree audits may vary depending on availability of courses in a given semester.

Some courses may require prerequisites not listed.

Students may wish to use opportunities for electives to complete a minor of their choice.

Other Interdisciplinary Majors

The College of Arts and Sciences offers two interdisciplinary programs of study: General Studies and Social Science. Each of these programs is designed to provide students with the flexibility to create a more personalized area of study. Students are able to select courses across disciplines and within the focus of the chosen interdisciplinary major to enhance educational and career goals.

Bachelor of Arts with a Major in General Studies

Degree Requirements

1. Hours Required and General Requirements:

Students must complete a minimum of 120 semester hours, of which 42 must be advanced, and fulfill all degree requirements for the Bachelor's degree as specified in the "General University Requirements" and College of Arts and Sciences requirements.

2. **Major Requirements:** The general studies major of 36 advanced hours, comprising 12 advanced hours in each of three fields, is subject to the following limitations.

- At least one field must be chosen from among those offered in the College of Arts and Sciences.
- If more than one field is chosen from outside the College of Arts and Sciences, both may not be selected from the same school or college.
- No more than one field may be selected from a single department within the College of Arts and Sciences.
- A 2.5 grade point average is required on all courses attempted in the major.
- No more than 24 hours in one field may count toward the degree.

3. **Minor:** None required.

4. **Electives:** See four-year plan.

For more information concerning this major, including how previously earned college credit will apply toward the degree, contact an academic counselor in the Dean's Office for Undergraduates and Student Advising, College of Arts and Sciences, GAB, Room 220.

BA with a Major in General Studies

The following four-year plan is one example of a variety of ways in which you can complete your chosen degree in four years, and will serve as guide for you to design your pathway to degree completion. Variations will depend on whether you need to take prerequisites or have college credit from exams or dual enrollment.

The College of Arts and Sciences expects you to have completed the State recommended high school program and be ready to enroll for Language 2040 or a mathematics course above college algebra. If you are not prepared for this level, the necessary prerequisites will either replace electives or increase the hours required for the degree.

FRESHMAN YEAR

FALL	HOURS
ENGL 1310, College Writing I, or ENGL 1313, Computer Assisted College Writing I*	3
LANG 2040, Foreign Language (intermediate, may be used to satisfy a portion of the Understanding the Human Community requirement)**	3
MATH (above College Algebra, except 1350)**	3
PSCI 1040, American Government*	3
Social and Behavioral Sciences*	<u>3</u>
Total	15

SPRING

HOURS	
ENGL 1320, College Writing II, or ENGL 1323, Computer Assisted College Writing II*	3
LANG 2050, Foreign Language (intermediate, may be used to satisfy a portion of the Understanding the Human Community requirement)**	3
PSCI 1050, American Government*	3
Natural Sciences**	3
Visual and Performing Arts*	<u>3</u>
Total	15

SOPHOMORE YEAR

FALL	HOURS
HIST 2610, United States History to 1865*	3
Elective	3
Elective	3

Humanities*	3
Physical Science**	<u>3</u>
Total	15

SPRING	HOURS
HIST 2620, United States History since 1865*	3
First Field (advanced)	3
Elective	3
Elective	3
Laboratory Science**	<u>3</u>
Total	15

JUNIOR YEAR

FALL	HOURS
First Field (advanced)	3
Second Field (advanced)	3
Second Field (advanced)	3
Elective	3
Elective	<u>3</u>
Total	15

SPRING	HOURS
First Field (advanced)	3
First Field (advanced)	3
Second Field (advanced)	3
Second Field (advanced)	3
Elective	<u>3</u>
Total	15

SENIOR YEAR

FALL	HOURS
Third Field (advanced)	3
Third Field (advanced)	3
Elective (advanced)	3
Elective	3
Elective	<u>3</u>
Total	15

SPRING	HOURS
Third Field (advanced)	3
Third Field (advanced)	3
Elective (advanced)	3
Elective	3
Elective	<u>3</u>
Total	15

*See the University Core Curriculum section of this catalog for approved list of course options.

**See Arts and Sciences degree requirements section of this catalog for approved list of course options.

Actual degree audits may vary depending on availability of courses in a given semester. Some courses may require prerequisites not listed. Students may wish to use opportunities for electives to complete a minor of their choice or secondary education courses for teacher certification.

Bachelor of Arts with a Major in Social Science

Degree Requirements

1. Hours Required and General Requirements:

Students must complete a minimum of 120 semester hours, of which 42 must be advanced, and fulfill all degree requirements for the Bachelor's degree as specified in the "General University Requirements" and College of Arts and Sciences requirements.

2. **Major Requirements:** An integrated major in social science for the Bachelor of Arts degree requires 48 semester hours in the social sciences, 24 of which must be advanced and must include 18 hours in one field chosen from anthropology, economics, geography (regional science only), history, philosophy, political science, psychology, social work and sociology, plus 30 hours in at least two other of these fields.

3. **Minor:** None required.

4. **Electives:** See four-year plan.

For more information concerning this major, contact an academic counselor in the Dean's Office for Undergraduates and Student Advising, College of Arts and Sciences GAB, Room 220.

BA with a Major in Social Science

The following four-year plan is one example of a variety of ways in which you can complete your chosen degree in four years, and will serve as guide for you to design your pathway to degree completion. Variations will depend on whether you need to take prerequisites or have college credit from exams or dual enrollment.

The College of Arts and Sciences expects you to have completed the State recommended high school program and be ready to enroll for Language 2040 or a mathematics course above college algebra. If you are not prepared for this level, the necessary prerequisites will either replace electives or increase the hours required for the degree.

FRESHMAN YEAR

FALL	HOURS
ENGL 1310, College Writing I, or ENGL 1313, Computer Assisted College Writing I*	3
LANG 2040, Foreign Language (intermediate, may be used to satisfy a portion of the Understanding the Human Community requirement)**	3
PSCI 1040, American Government*	3
MATH (above College Algebra, except 1350)**	3
Social and Behavioral Sciences*	<u>3</u>
Total	15

SPRING	HOURS	SPRING	HOURS
ENGL 1320, College Writing II, or ENGL 1323, Computer Assisted College Writing II*	3	Social Science (advanced)	3
LANG 2050, Foreign Language (intermediate, may be used to satisfy a portion of the Understanding the Human Community requirement)**	3	Social Science (advanced)	3
PSCI 1050, American Government*	3	Social Science (advanced)	3
Natural Sciences**	3	Elective (advanced)	3
Visual and Performing Arts*	<u>3</u>	Elective	<u>3</u>
Total	15	Total	15
SOPHOMORE YEAR		<i>*See the University Core Curriculum section of this catalog for approved list of course options.</i>	
FALL	HOURS	<i>**See Arts and Sciences degree requirements section of this catalog for approved list of course options.</i>	
HIST 2610, United States History to 1865*	3	<i>Actual degree plans/audits may vary depending on availability of courses in a given semester. Some courses may require prerequisites not listed. Students may wish to use opportunities for electives to com- plete a minor of their choice or secondary education courses for teacher certification.</i>	
Elective	3		
Elective	3		
Humanities*	3		
Physical Science**	<u>3</u>		
Total	15		
SPRING	HOURS	Bachelor of Arts with a Major in Social Science	
HIST 2620, United States History Since 1865*	3	Secondary Education Certification in Social Studies	
Laboratory Science	3	Degree requirements	
Social Science (advanced)	3	1. Hours Required and General/College Require- ments: Students must complete a minimum of 120 semester hours, of which 42 must be advanced, and fulfill all degree requirements for the Bachelor's degree as specified in "General University Require- ments" in the Academics section of this catalog and College of Arts and Sciences requirements.	
Elective	3	2. Major Requirements: 57 hours. The Bachelor of Arts with a major in social science and a composite teaching field in social studies requires ECON 1100, ECON 1110, ECON 4100 or ECON 4850; GEOG 1170, GEOG 1200 and 3 hours of advanced Geogra- phy Regional Studies (see Department of Geography section of this catalog for list of advanced Regional Studies courses); HIST 1050, HIST 1060, HIST 2610, HIST 2620, HIST 4700; 3 hours of advanced U.S. History; 3 hours of advanced European his- tory; 3 hours of advanced African-, Asian- or Latin American history (see Department of His- tory section of this catalog for list of advanced U.S. history, advanced European history and advanced African, Asian and Latin American courses); PSCI 1040, PSCI 1050 and 3 hours of advanced American government (see Department of Political Science section of this catalog for list of advanced American government courses); PSYC 1630; SOCI 1510.	
Elective	<u>3</u>	3. Other Course Requirements: GEOG 1710 and UCRS 4700.	
Total	15		
JUNIOR YEAR			
FALL	HOURS		
Social Science	3		
Social Science (advanced)	3		
Elective (advanced)	3		
Elective (advanced)	3		
Elective	<u>3</u>		
Total	15		
SPRING	HOURS		
Social Science (advanced)	3		
Social Science	3		
Elective (advanced)	3		
Elective (advanced)	3		
Elective	<u>3</u>		
Total	15		
SENIOR YEAR			
FALL	HOURS		
Social Science (advanced)	3		
Social Science (advanced)	3		
Social Science (advanced)	3		
Elective (advanced)	3		
Elective	<u>3</u>		
Total	15		

4. **Other Requirements:** Students must also complete the required 21 hours in upper-level education courses (EDSE 3800, EDSE 3830, EDSE 4060, EDSE 4070, EDSE 4108, EDSE 4118, EDSE 4840) and meet all GPA requirements to apply for state certification. In order to enroll for the first required education course, the student must make application to the certification program in the College of Education in Matthews Hall, Room 105.

All state certification requirements and information on required examinations are available on the web site of the State Board for Educator Certification (SBEC), www.sbec.state.tx.us.

5. **Minor:** None required.

6. **Electives:** See four-year plan.

**BA with a Major in Social Science
(Secondary Education Certification
in Social Studies)**

The following four-year plan is one example of a variety of ways in which you can complete your chosen degree in four years, and will serve as guide for you to design your pathway to degree completion. Variations will depend on whether you need to take prerequisites or have college credit from exams or dual enrollment.

The College of Arts and Sciences expects you to have completed the State recommended high school program and be ready to enroll for Language 2040 or a mathematics course above college algebra. If you are not prepared for this level, the necessary prerequisites will either replace electives or increase the hours required for the degree.

FRESHMAN YEAR

FALL	HOURS
ENGL 1310, College Writing I*	3
HIST 1050, World History to the Sixteenth Century	3
LANG 2040, Foreign Language (intermediate, may be used to satisfy a portion of Understanding the Human Community requirement)**	3
MATH 1580, Survey of Math with Applications, or MATH 1680, Elementary Probability and Statistics (may be used to satisfy Mathematics requirement)**	3
PSCI 1040, American Government*	3
Total	15

SPRING	HOURS
ENGL 1320, College Writing II*	3
GEOG 1170, Culture, Environment and Society	3
HIST 1060, World History from the Sixteenth Century	3

LANG 2050, Foreign Language (intermediate, may be used to satisfy a portion of the Understanding the Human Community requirement)**	3
PSCI 1050, American Government*	3
Total	15

SOPHOMORE YEAR

FALL	HOURS
ECON 1110, Principles of Macroeconomics (may be used to satisfy the Social and Behavioral Sciences requirement)*	3
GEOG 1200, World Regional Geography	3
HIST 2610, United States History to 1865*	3
PSYC 1630, General Psychology I	3
Physical Science**	3
Elective	3
Total	18

SPRING	HOURS
ECON 1100, Principles of Microeconomics	3
HIST 2620, United States History Since 1865*	3
SOCI 1510, Individuals in Society	3
GEOG (advanced Regional Studies)	3
Laboratory Science**	3
Elective	3
Total	18

JUNIOR YEAR

FALL	HOURS
ECON 3050, The Economics of Consumption	3
EDSE 3800, Professional Issues in Training	3
GEOG 1710, Earth Science (may be used to satisfy a portion of the Natural Sciences requirement)**	3
HIST (advanced U.S. History, Group A)	3
Visual and Performing Arts*	3
Total	15

SPRING	HOURS
ECON 4100, Comparative Economics, or ECON 4850, International Trade	3
EDSE 3830, Teaching/Learning Process and Evaluation	3
HIST 4700, Texas History	3
HIST (advanced European, Group B)	3
PSCI (advanced American Government, Field A)	3
Total	15

SENIOR YEAR

FALL	HOURS
EDSE 4060, Content Area Reading in Secondary Schools	3
EDSE 4070, Teaching Diverse Populations	3
EDSE 4840, Instructional Strategies for Classroom Management	3
UCRS 4700, Social Studies Teaching Methods	3
HIST (advanced African, Asian or Latin American, Group C)	3
Total	15

SPRING

EDSE 4108, Student Teaching in the Secondary School	3
EDSE 4118, Student Teaching in the Secondary School	3
Humanities*	<u>3</u>
Total	9

**See the University Core Curriculum section of this catalog for approved list of course options.*

*** See Arts and Sciences degree requirements section of this catalog for approved list of course options.*

Actual degree audits may vary depending on availability of courses in a given semester.

Some courses may require prerequisites not listed.

Students may wish to use opportunities for electives to complete a minor of their choice.

Interdisciplinary Minors

African-American Studies

A minor in African-American studies requires 18 hours, including HIST 4440, HIST 4450 and HIST 4580, plus three of the following courses chosen in consultation with an advisor in the Department of History and representing at least two different departments: AGER 4560, ANTH 3130, CJUS 3700, CJUS 4870, COMM 4260, HIST 4260 (when topic relates to African-American studies), HIST 4263 (when topic relates to African-American studies), HIST 4590, HIST 4830, HIST 4840, JOUR 4250, MUET 3030, MUJS 4470, PSCI 3100 (when topic relates to African-American studies), PSCI 4200, SLIS 4685 or SOCI 2010.

Alternative Dispute Resolution

A minor in alternative dispute resolution requires a total of 21 hours, including 9 advanced, and consists of AECO 4000, AECO 4120, AECO 4420 and COMM 3320, plus three courses from the following list chosen in consultation with an undergraduate advisor in the Institute of Applied Economics and representing at least two different academic departments: AECO 4010, AECO 4020, AECO 4030, AECO 4040, AECO 4450; BLAW 3430; CJUS 3210; MGMT 3870 or PSYC 3640.

Students interested in this minor should contact the Institute of Applied Economics, Chilton Hall, Room 263.

Asian Studies

Various courses are offered in the areas of anthropology, art, history, geography, philosophy and political science to complete the 18-hour minor in Asian studies. Students interested in this minor should contact Dr. Harold Tanner, Department of History, Wooten Hall.

HOURS**Classical Studies**

A minor in classical studies requires 18 hours. Six hours (but no more) must be in Latin (LATI) or ancient Greek language classes at any level, and another 6 advanced hours must be from the following core courses:

- AEAH 4802, Art of Ancient Greece
- AEAH 4803, Art of Ancient Rome
- ENGL 3360, Survey of Classical Literature
- HIST 3750, Greek Civilization
- HIST 3760, Roman Civilization
- HIST 4216, Rome's Jewish Wars and the Roman Near East
- HIST 4217, Jew, Greek and Roman: Backgrounds of Early Christianity
- PHIL 3310, Ancient Philosophy

The remaining 6 hours to fulfill the 18-hour requirement may be selected from the above list of core courses or other courses listed below:

- ANTH/ARCH 3650, Origins of Civilization
- ART 2350, Art History Survey I
- AEAH 4801, Topics (when the focus is ancient)
- ENGL 4170, Principles and Practices of Rhetoric
- HIST 3770, Ancient and Medieval Women, Gender and Sexuality
- HIST 4010, History of Science and Technology to Newton
- HIST 4315, History of Anti-Semitism from Ancient Times to the Present
- HIST 4262 or 4900, Topics (when the focus is ancient)
- HIST 4650, Evolution of Warfare to Napoleon
- HNRS 4500, Honors Capstone Thesis (when the focus is ancient)
- PHIL 2310, Introduction to Ancient Philosophy
- PHIL 3570, Hebrew Bible
- PHIL 3580, Early Christian Thought
- PSCI 3310, Political Theory: Socrates to the Eighteenth Century
- PSCI 4330, Topics (when focus is ancient)

Other courses may also qualify, if approved by the classical studies advisors. Interested students should contact Mr. Dean Cassella, Department of Foreign Languages and Literatures (dmcassella@unt.edu), or Dr. Christopher Fuhrmann, Department of History (cfuhrmann@unt.edu).

International Studies

A minor in international studies requires 18 hours, including at least 6 advanced hours chosen from a multidisciplinary list of courses. Nine hours must be in one area of concentration, with the remaining hours distributed between one or two other areas. See international studies major for areas and courses.

Jewish Studies

A minor in Jewish studies requires 18 hours, including one of the following three courses:

- PHIL 3570, Hebrew Bible;
- PHIL 2100, Introduction to Judaism; or
- PHIL 3575, Judaic Religion and Philosophy

and one of the following:

- HIST 4263, when taught as “The State of Israel”;
- HIST 4395, The State of Israel;
- HIST 4315, History of Anti-Semitism from Ancient Time to the Present;
- HIST 4320, Anti-Semitism in Europe, French Revolution to Present; or
- HIST 4390, The Holocaust, 1933–1945.

In addition, four courses chosen in consultation with the Director of the Jewish Studies Program and representing at least two different departments are required. These courses include, but are not limited to, the following:

- HIST 4216, Rome’s Jewish Wars and the Roman Near East
- HIST 4217, Jew, Greek and Roman: Backgrounds of Early Christianity
- HIST 4260, when taught as “Jewish Women: A World Perspective”; “Ancient Israel” or “Anti-Semitism and Anti-Catholicism in Victorian England”
- HIST 4263, when taught as “Arab-Israeli Wars”
- HIST 4395, The State of Israel
- HIST 4315, History of Anti-Semitism from Ancient Times to the Present
- HIST 4320, Anti-Semitism in Europe, French Revolution to Present
- HIST 4385, Nazi Germany
- HIST 4390, The Holocaust, 1933–1945
- ENGL 3913, when taught as “Yiddish Literature”
- ENGL 3923, American Jewish Writers
- ENGL 4660, Literature and the Holocaust
- ENGL 4800, when taught as “Hebrew Bible as Literature”
- HEBR 1010, Elementary Hebrew I
- HEBR 1020, Elementary Hebrew II
- HEBR 2040, Intermediate Hebrew I
- HEBR 2050, Intermediate Hebrew II
- MUMH 4800, Nazism, Judaism and the Politics of Classical Music in Germany
- MUMH 4810, Jews, Judaism, Anti-Semitism and Opera
- PHIL 3570, Hebrew Bible
- PHIL 2100, Introduction to Judaism
- PHIL 3575, Judaic Religion and Philosophy
- PHIL 4960, when taught as “Classical Jewish Thought: Maimonides and the 13 Principles of Faith”; “Kabbalah: Jewish Mysticism, Myth and Magic”; “Rabbinic Judaism” or “Sexual Ethics in Judaism”; “Jewish Business Ethics”; “David, Saul and Solomon: The Early Israelite Monarchy” or “Jews and Judaism in Modern Israel”

- PSCI 3700, when taught as “Government and Politics of Israel,”
- RTVF 4415, when taught as “Film and the Holocaust” or “Israeli Cinema”
- BIOL 4005/PHIL 4960, when taught as “Judaism and Bioethics” or “Judaism and Modern Science”
- EDUC 4800, when taught as “The Jewish-American Psyche”
- HIST 4215, Jews Under Greek and Roman Rule
- HIST 4435, American Jewish Experience
- HIST 4475, Jewish Women in Modern America
- JOUR 4210, when taught as “Public Opinion and Propaganda: Israel and the Middle East”
- PSCI 3100, when taught as “U.S./Israeli Relations: Conflict, Cooperation and Advocacy”
- PSCI 4330, when taught “Jewish Political Thought”
- SOCI 4260, when taught as “The Family in Modern Israel”
- other topics courses as approved when topic is appropriate.

Other courses may also qualify if approved by the Jewish studies advisor. For more information about a minor in Jewish studies, contact Dr. Richard Golden, Director, Jewish Studies Program, GAB 460, by phone at 940-369-8933, or by e-mail at rmg@unt.edu.

Mexican-American Studies

A minor in Mexican-American studies requires 18 hours, including ANTH 3210, HIST 3150 and HIST 4150, plus three of the following courses chosen in consultation with the Mexican-American studies minor advisor and representing at least two different departments: ANTH 3140, ENGL 3922, HIST 4155, HIST 4160, HIST 4180 and HIST 4190, SPAN 3040, SOCI 2010, WMST 4240. Periodic special topics courses offered by departments in the fine arts, humanities and social sciences (when topics relate directly to Mexican-American studies, and with permission of the Mexican-American studies minor advisor) may also qualify and be included as part of the Mexican-American studies minor on a course-by-course basis.

Peace Studies

Students wishing to obtain a minor in peace studies must complete a minimum of 18 hours (6 advanced), including PSCI 3500 plus at least one course from each of these three areas:

- Determinants of Violence: CJUS 4330, CJUS 4350; EADP 4090; PSCI 4640, PSCI 4821; or, when topic is appropriate, ANTH 4801, ANTH 4701; HIST 4260, HIST 4262, HIST 4263; PSCI 4700 or PSCI 4820.

- Conflict Management: AECO 4000, AECO 4120; COMM 3320; PSCI 4660, PSCI 4822, PSCI 4823, PSCI 4825, PSCI 4850; or, when topic is appropriate, HIST 4260; PSCI 4700.
- Issues of Justice: ECON 3150; HIST 3150, HIST 4315, HIST 4390, HIST 4440, HIST 4450, HIST 4455, HIST 4465, HIST 4470, HIST 4780; PSCI 4210, PSCI 4360, PSCI 4520, PSCI 4660, PSCI 4720, PSCI 4800, PSCI 4810, PSCI 4823, PSCI 4824; SOCI 4540; or, when topic is appropriate, HIST 4260, HIST 4440; PSCI 4490, PSCI 4820 or PSCI 4850, or PSCI 4330 (when topic is appropriate).

Any of the following courses may also be taken to fulfill the remaining 6 hours: AECO 4420; ANTH 3130, HIST 4070, HIST 4350, HIST 4650, HIST 4660; JOUR 4240; PSCI 3600, PSCI 3810, PSCI 4630, PSCI 4830; SOCI 4160, SOCI 4750; or, when topic is appropriate, ANTH 4701; HIST 4260. Practicums, internships and special problems courses may also apply if approved by the Director of Peace Studies. Interested students should contact Dr. David Mason, Department of Political Science, Wooten Hall, by phone at 940-565-2386, or by e-mail at masontd@unt.edu.

Religion Studies

A minor in religion studies consists of 18 semester hours from the departments of philosophy and religion studies, anthropology, history and English. Courses must be selected from an approved list of courses, including at least one course in western religion and one course in eastern or comparative religion. Courses not on the approved list are to be selected with and approved by the religion studies advisor.

Social Science

A minor in social science requires 6 hours in one department and 12 hours in another department, including 6 advanced hours. Courses may be chosen from the following areas: anthropology, economics, geography (regional science only), history, philosophy, political science, psychology, social work and sociology.

LGBT Studies

A minor in LGBT studies requires 18 hours, including at least 6 advanced hours. Courses across the curriculum address the impact of sexual attitudes and behaviors on history, politics, social arrangements, artistic and literary creation, and conceptions of the self. Students investigate the ways in which human sexuality has been shaped by medical and scientific discourse, economic imperatives, philosophy, religion, law, politics, art, visual culture and literature. Students choose from a multidisciplinary list of approved courses updated annually. For

more information, visit www.lgbt.unt.edu. Students interested in this minor should contact Dr. Mark Vosvick, Department of Psychology, Terrill Hall.

Women's Studies

A minor in women's studies may be earned by successfully completing 18 semester hours, including WMST 2100, WMST 4100, and four additional 3-hour courses approved for women's studies credit. Nine of the 18 hours taken must be advanced hours. The electives are chosen from an inventory of more than 60 gender-related courses representing nearly every discipline in the university curriculum. A comprehensive listing of these courses, as well as extensive information on the women's studies program, can be found online at www.wmst.unt.edu. All women's studies students are encouraged to meet with the director and/or the advising staff in order to design an academic plan that best complements the major interests of the student. Information on a variety of scholarships and internships for women students is maintained in the women's studies office and on the web site at www.wmst.unt.edu.

Students in women's studies may interact with more than 30 members of the women's studies affiliated faculty who regularly teach courses examining women's roles, activities, and experiences throughout history and across cultures. These interactions expand understanding of gender differences, cultural diversity, and social changes while strengthening critical thinking and communication skills. Faculty regularly present colloquia and lectures concerning their scholarly research and current issues in women's studies.

Internships provide opportunities for students to experience working at a variety of non-profit organizations in the Denton and Dallas areas.

Students interested in this minor should contact the Director of Women's Studies, General Academic Building, Room 467, 1155 Union Circle #305097, Denton, TX 76203-5017; 940-565-2098. E-mail: wmst@unt.edu.

Preprofessional Programs

Health-Related Preprofessional Programs

College of Arts and Sciences
Dean's Office for Undergraduates and Student Advising
Health Professions Advising
General Academic Building, Room 220

Mailing address:

1155 Union Circle #305189

University of North Texas

Denton, TX 76203-5017

940-565-2051

E-mail: Debrah.Beck@unt.edu or

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Debrah Beck, PhD, Coordinator of Health Professions and Joint Admission Medical Program Faculty Director

Advising Contact for Premedical, Pre-Dental, Pre-Veterinary, Pre-Optometry, Pre-Podiatry, Pre-Physician Assistant, Pre-Physical Therapy, Pre-Pharmacy

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Advising Contact for Pre-Chiropractic, Pre-Dental Hygiene, Pre-Nursing, Pre-Nutrition, Pre-Occupational Therapy, Pre-Respiratory Care

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Premedicine and Pre-Dentistry

The coordinator and counselors of the health professions assist all students in meeting entrance requirements, completing the application process, and acquiring required recommendations for admission to a professional school. Students who wish to apply to a professional school should attend an orientation session when they enter the university and the informational seminars conducted by the Preprofessional Advisory Committee (PPAC). Students in their junior year should attend the Personal Statement Workshop and the application seminar in the fall and spring semesters. The Interview Workshop is held in the spring semester. Exact dates, times, and locations are posted in Room 220 of the General Academic Building. Students are required to interview with the PPAC, usually in March or April.

The recommended course of study is a bachelor's degree in any field that is of interest to the student. Most medical and dental schools require two years of biology, two years of chemistry, one year of physics, one year of English composition and specified mathematics courses as minimum requirements. Additional courses are also required, and students should consult with the Health Professions Counselors for specific admission requirements for health professions schools.

It is recommended that the student take the required entrance test during the spring term/semester before application to the professional school. The student should take the Medical College Admission Test (MCAT) for premedical, the Dental Aptitude Test (DAT) for pre-dental, the Graduate Record Exam (GRE) for pre-veterinary, the Optometry Admission Test (OAT) for pre-optometry or the Pharmacy College Admission Test (PCAT) for pre-pharmacy students. The preprofessional student should begin an application file with the health

professions counselor in the General Academic Building, Room 220. The application process usually takes place during the spring term/semester of the junior year and includes an interview with the Pre-professional Advisory Committee (PPAC). Courses of study are also available for pre-veterinary, pre-optometry and pre-podiatry. Consult the health professions counselors in GAB, Room 220, for more information.

Other Health-Related Preprofessional Studies

UNT offers the university requirements for admission to allied and other health-related professional programs including: chiropractic, dental hygiene, nursing, occupational therapy, pharmacy, physical therapy, physician assistant, and others.

Students interested in the above fields should consult with the Allied Health Professions Counselor, General Academic Building, Room 220. The counselor can assist in selecting a program of study to meet the entrance activities and requirements for the various programs in and out of Texas.

Suggested Activities and Timeline for UNT Premedical, Pre-Dental and Pre-Veterinary Students

Freshman/Sophomore Years

- Contact the Health Professions Counselor for your area of interest.
- Take an average to heavy course load (14–16 hours or more)
- Start biology, chemistry and math classes
- Use appropriate resource services on campus
- Become an active member of a preprofessional honor organization, Alpha Epsilon Delta; the UNT Pre-Dental Society; Alpha Delta (the pre-health minority club); the Health Occupations Students of America; the Eagle Pre-Pharmacy Association; the Pre-Vet Club; or the Non-Traditional Pre-Health Organization
- Attend Pre-Health Professions Orientation and information sessions
- Shadow a professional in your field of interest
- Get involved in volunteer and extracurricular activities
- Get to know your professors – they are the ones who will write letters of recommendation for you
- Choose a major – Premed/Pre-Dent/Pre-Vet, etc., is not a major
- Learn Spanish
- Take advantage of free tutoring UNT has to offer:
 - Learning Center (University Union, Room 323, 940-369-7006)
 - Chemistry Resource Center (Chemistry Building, Room 119, 940-565-2556 or 940-565-2713)
 - Discovery Project (940-565-4754)

- Math Lab (General Academic Building, Room 440, 940-565-3592)
- Physics Instructional Center (Physics Building, Room 209, 940-565-3275)
- Writing Lab (Auditorium Building, Room 105, 940-565-2563)

Junior Year – usually the application year

- Complete all professional school admission requirements by the end of the spring term/semester
- Begin drafting your personal statement – come to the Personal Statement Workshop in the fall and spring term/semesters
- Start preparing for the MCAT/DAT/GRE/OAT or other required entrance exam
- Attend Application Seminar and workshops in the fall and spring terms/semesters
- Establish file with PPAC (Preprofessional Advisory Committee)
- Premed: take the MCAT in spring/summer
- Pre-Dental: take the DAT in spring/summer
- Pre-Optometry: take the OAT in summer or fall
- Pre-Vet: take the GRE in spring/summer
- Apply **early**
- Learn Spanish

Senior Year

- Complete interviews with medical/dental/optometry/vet schools
- Acceptance by the professional schools starts in the fall term/semester
- File financial aid forms (professional schools will help with this)
- Inform the PPAC of acceptances, rejections and waiting lists
- Request final transcript(s) be sent to the school that accepted you
- Complete degree requirements
- If necessary, follow up on future/alternative career plans with health professions counselor
- Learn Spanish

Remember that a solid academic record is important, but many other things are taken into account in gaining admission to a professional school, things such as:

- Consistency of grades
- Quality of performance in required courses
- Course load per term/semester (14–17 hours)
- Discrepancies between GPA and entrance exam scores
- Volunteer service/community service
- Showing real concern and empathy for others
- Being a well-rounded individual – take other courses besides biology and chemistry

Suggested High School Preparation for the Pre-professional Programs at UNT:

To be a successful student in the Premedical Program, Pre-Dental Program, Pre-Veterinary Program or the Pre-Optometry Program, it is advisable for the high school student to prepare adequately before enrolling at UNT. The Distinguished Achievement Program (DAP) is highly recommended and helps to prepare students for the rigors of the preprofessional program at UNT. It is advisable that high school students complete Advanced Placement (AP) courses in biology, chemistry, physics and calculus, as well as English composition and Spanish classes before enrolling in preprofessional prerequisite courses at UNT. Involvement in community service projects, church activities, clubs and service organizations is also recommended.

Health Professions Scholarships

Joint Admission Medical Program (JAMP)

The program was created by Senate Bill 940 of the 77th Texas Legislature in 2001 to provide services to support and encourage highly qualified, economically disadvantaged students pursuing a medical education. The program was created to award undergraduate and medical school scholarships to qualified students. It also provides for the admission of those students who satisfy both academic and non-academic requirements to at least one participating medical school.

Scholarship money will be awarded each term/semester beginning in the student's sophomore year of college and also for the summer internships at a Texas medical school. Special mentoring and personal assistance is provided to prepare for medical school.

The scholarship is for newly enrolled freshman students who are eligible for a Pell Grant or have an estimated family contribution of \$8,000 or less, who are enrolled in 27 hours cumulatively over the fall and spring semesters at the University of North Texas, and who have received a score equal to or higher than the mean score for Texas on the SAT and/or ACT. The students must maintain a 3.25 GPA or higher in course work. This scholarship is only for premedical students. For additional information, contact the JAMP faculty director in GAB, Room 220. This scholarship deadline is October 1 of the student's sophomore year.

Dr. Glenn Mitchell Memorial Scholarship

To qualify, a student must be a premedical student, should have completed 60 hours of premedical courses, must demonstrate academic excellence and must be competitive for admission to medical school.

This scholarship application is available February through March of each year. The scholarship will be awarded for the following fall and spring terms/semesters.

Rafes Premedical Scholarship

To qualify, a student must be a full-time UNT premedical student, should currently be enrolled in freshman biology and/or chemistry, demonstrate scholastic excellence and be competitive for admission to medical school.

This scholarship application is available February through March of each year. The scholarship will be awarded for the following fall and spring terms/semesters.

Charles and Mabel Saunders Pre-Dental Scholarship

To qualify, a student must be a pre-dental student, must have 60 hours of pre-dental courses and must demonstrate academic excellence.

This scholarship application is available February 1 through March 1 of each year. The scholarship will be awarded for the following fall and spring terms/semesters.

Other Preprofessional Studies**Pre-Theology and Pre-Seminary**

Students intending to pursue post-baccalaureate work in seminaries or divinity schools should consult with the undergraduate advisor of the Department of Philosophy and Religion Studies.

Pre-Law

Future law school students should take courses that emphasize writing and oral skills, research into problems facing society, logical reasoning, the American legal system, business law and constitutional law. There is not, however, a specific major recommended or suggested for students interested in a legal career. Pre-law students should take the Law School Admission Test during the summer before or the fall term/semester of their senior year. For further advice, students should consult early in their freshman or sophomore year at UNT with Professor Barbara Kirby, the pre-law advisor, in Wooten Hall, Room 129. E-mail: prelaw@unt.edu.

Department of Biological Sciences

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Art Goven, Chair**Faculty**

Allen, Atkinson, Ayre, Beitinger, Benjamin, Burggren, Bursleson, Chapman, Dickstein, Dong, Dzialowski, Fitzpatrick, Fuchs, Goven, Gross, Hoeinghaus, Huggett, Hughes, Hunt von Herbing, Jagadeeswaran, Johnson, Kennedy, Kunz, La Point, O'Donovan, Padilla, Pirtle, Roberts, Root, Schwark, Shah, Sinclair, Smith, Stevens, Tam, Thompson, Venables, Wright

Introduction

Modern biology encompasses the study of all aspects of living systems from the molecular basis of genetic inheritance to the interactions between organisms and the environment. The mission of the Department of Biological Sciences is to provide quality education leading to bachelor's, master's and doctoral degrees in biology, environmental biology, biochemistry and allied health sciences. A vital component of that mission is scholarly activity, and faculty in the department conduct relevant basic and applied research and provide professional expertise and service to local, state and national constituencies. Central to our mission is quality teaching, and faculty engage in instructional development to enhance their abilities to train professionals who will have the most up-to-date skills and professional ethics for meeting the demands of a technological society. Our success is measured by the success of our students and the quality of our intellectual contributions to the improvement of society.

Preprofessional Programs

See "Preprofessional Programs" in the College of Arts and Sciences section of this catalog.