



College of Arts and Sciences

Main Office

General Academic Building, Room 210

P.O. Box 305189

Denton, TX 76203-5189

940-565-2497

Fax: 940-565-4517

E-mail: cas@unt.edu

Web site: www.cas.unt.edu

Dean's Office for Undergraduates and Student Advising

General Academic Building, Room 220

940-565-2051

Fax: 940-565-4529

Web site: www.cas.unt.edu/advising

Warren W. Burggren, Dean

Jean B. Schaake, Associate Dean

Kathryn G. Cullivan, Associate Dean

Michael Monticino, Associate Dean

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 core curriculum and 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. literacy in written English, mathematics and communication;
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 three 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 who follow degree audits consistent with the educational intentions of the college 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
- Geography
- History
- International Studies
- Jewish Studies
- Journalism
- Linguistics and Technical Communication
- Mathematics
- Military Science
- Philosophy and Religion Studies
- Physics
- Political Science
- Psychology
- Radio, Television and Film
- 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
- English
- Journalism
- Psychology
- Radio, television and film
- Theatre*

* *Name change pending approval by the Texas Higher Education Coordinating Board.*

Undecided Students

The College of Arts and Sciences is also the academic home for all students who are unsure of their major. The selection of undecided/exploring as an initial major is a recommended option for students who are exploring possible majors. It is recommended that students remain undecided/exploring until they are fairly certain about their major. Trained academic counselors in the College of Arts and Sciences are available to assist undecided/exploring students with clarifying academic interests, determining career goals, and selecting majors. The counselors also refer students to additional campus resources designed to support them in realizing their major and career goals.

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 health

professions coordinator is located in the College of Arts and Sciences Dean's Office for Undergraduates and Student Advising and assists 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 sessions with the 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

1. **English Composition and Rhetoric (6 hours):** See approved list in the Academics section of this catalog.
2. **Mathematics (3 hours):** See “University Core Curriculum Requirements” in the Academics section of this catalog.
3. **Natural Sciences (6 hours):** See “University Core Curriculum Requirements” in the Academics section of this catalog.
4. **United States History (6 hours):** See approved list in the Academics section of this catalog.
5. **Political Science (6 hours):** See approved list in the Academics section of this catalog.
6. **Visual and Performing Arts (3 hours):** See approved list in the Academics section of this catalog.
7. **Humanities (3 hours):** See approved list in the Academics section of this catalog.

8. Social and Behavioral Sciences (3 hours):

See approved list in the Academics section of this catalog.

9. 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, higher than College Algebra, also satisfies the university core): MATH 1190, 1400, 1650, 1680 or 1710. Prerequisite of MATH 1100 or equivalent with a grade of C or better, or proficiency in MATH 1100 as demonstrated by an appropriate score on the mathematics department placement exam.

2. Laboratory Science (3 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, 1122, 1132, 1710/1730, 1711*/1733*, 1720/1740, 1722*/1744*, 2381/2382, 2301/2311, 2302/2312; GEOL 1610; GEOG 1710.

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

**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

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, 3830, 4060, 4070, 4108, 4118, 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 (SBE), 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)

Biochemistry (Chemistry, Science)
Biology (Life Science, Science)
Chemistry (Chemistry, Physical Science)
Communication (Speech)
Dance

English (English Language Arts and Reading)
Foreign Language (French, German, Spanish)
History
Journalism
Mathematics (Math, Math-Physics)
Physics (Physics-Math, Physical Science)
Social Science (Social Studies)

All-Level (Grades EC–12)

Theatre

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
General Academic Building, Room 470
P.O. Box 305457
Denton, TX 76203-5457
940-565-2323

Web site: www.inst.unt.edu

Fax: 940-369-8198

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.

Bachelor of Arts with a Major in International Studies

Degree Requirements

- 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.
- Major Requirements:** Majors need 36 hours from the list of approved courses below, including 21 hours in one of the areas listed below (primary area) and 15 in one of the remaining five areas (secondary area). Some courses (e.g., PSCI 4900, Special Topics) may be repeated for credit as topics vary and if the subject is appropriate. Twelve of the 21 hours of the primary area must be in advanced courses. Students must earn a grade of C or better in all courses that apply to the International Studies major.

Area 1, International Politics and Diplomacy:

Students who select International Politics and Diplomacy as their primary area of concentration must complete 21 hours as listed below:

- 9 hours from AECO 4120; PSCI 3500, 3810, 4520, 4800, 4810**, 4821, 4822, 4850, 4860*.
- 6 hours from HIST 1060, 3720, 4360, 4790, 4800, 4840.

- 6 hours from the above approved courses within International Politics and Diplomacy.

Area 2, International Business and Economics:

Students who select International Business and Economics as their primary area of concentration must complete 21 hours as listed below:

- ECON 1110 and MGMT 3720.
- 15 hours from ACCT 4420**; BCIS 4720**;
BUSI 1340, 4660, 4700; BLAW 4480**;
ECON 4100**, 4510**, 4600**, 4850**;
FINA 4500**; LSCM 3960**, 4530**; MKTG 2650,
4280**, 4620**, 4810**; MGMT 3880, 4210**, 4660;
PSCI 4860.

Area 3, International Development: Students who select International Development as their primary area of concentration must complete 21 hours as listed below:

- 6 hours from ANTH 2150; ECON 4600; PSCI 4660; SOCI 4160, 4750.
- 15 hours from the following sub-areas with at least 6 hours from each sub-area list below:
 - Political Economy:** ANTH 4610* (when taught as “Political Anthropology”); EADP 4040; ECON 4100; PSCI 4860; GEOG 3010.
 - Social and Environmental:** ANTH 2035, 2045, 4010, 4050, 4610* (when taught as “Migrants and Refugees” or as “Race and Ethnic Identity”); ECON 4440**; GEOG 1170, 4120; PHIL 2500, 4700**; SOCI 2010, 2070, 3330**, 3700, 4160, 4260*, 4750; WMST 2420, 4260.

Area 4, Regional Studies: Students who select Regional Studies as their primary area of concentration must complete 21 hours as listed below:

- 6 hours from ANTH 2100 or 2150; GEOG 1200; HIST 1050, 1060; PHIL 2070; PSCI 3600, 3700, 4720.
- 6 hours from ANTH 3100*; GEOG 1200, 3750; HIST 4340, 4350, 4580, 4590; PHIL 3585**, 3595**;
PSCI 3700, 4710; SOCI 4260* (when taught as “Social Welfare in West Africa”).
- 6 hours from one of the following regions:
 - Europe and Latin America:** ANTH 3100 (when taught as “Mesoamerica” or “Latin America”); BUSI 4700; GEOG 4030; HIST 4060, 4090, 4100, 4105, 4110, 4150, 4171, 4172, 4190, 4260*, 4262 (when taught as “Military History of England and its Colonies”), 4263 (when taught as “History of Brazil”), 4300, 4320, 4340, 4350, 4360, 4365, 4370, 4385, 4390; PSCI 3700*.
 - Asia including South Asia and the Far East:** ANTH 3100 (when taught as “Oceania and the Pacific,” “The Far East,” “Southeast Asia,” or “South Asia”); GEOG 1200; HIST 4260*, 4263 (when taught as “Samurai Tradition”), 4550, 4560, 4570;

PHIL 3585**, 3595**; PSCI 3700 (when taught as “Asian Politics”).

c. **Middle East and Africa:** ANTH 3100 (when taught as “Middle East” or “Africa”); GEOG 3750, 4040**; HIST 4263 (when taught as “History of the State of Israel,” “Imperialism in the Middle East,” or “Nationalism, Zionism and Islam”), 4580, 4590; PSCI 3700 (When taught as “African Politics”), 4710, 4824, 4825; SOCI 4260* (when taught as “Social Welfare in West Africa”).

- **Topic/Theme-** 3 hours from HIST 4070, 4260*; PHIL 2070; PSCI 4630, 4640, 4660, 4700 (when taught as “Political Corruption,” “Enemies of Democracy” or “European Integration”), 4720; SOCI 3700.

Area 5, Security Studies: Students who select Security Studies as their primary area of concentration must take 21 hours as listed below:

- **National Security** – 6 hours from ANTH 4610* (when taught as “Migrants and Refugees” or as “Socio-cultural Aspects of Terrorism”; or if topic deemed appropriate); CJUS 4870** (when taught as “Understanding Terrorism”); EADP 3010, 4040**, 4090**; PSCI 4700* (when taught as “Terrorism in Europe”; or if topic deemed appropriate), 4825; SOCI 4260* (when taught as “Sociology of Disaster”).
- **Military History** – 6 hours from HIST 4070, 4090, 4260* (when taught as “Aviation in Peace and War,” “World War I,” or courses on the Korean and Vietnam wars), 4262, 4263, 4350, 4650, 4660.
- **International Conflict** – 3 hours from PSCI 4630, 4640, 4820, 4821, 4822, 4825.
- Remaining 6 hours can be selected from the above approved courses in Security Studies.

Area 6, Peace Studies: Students who select Peace Studies as their primary area of concentration must take 21 hours as listed below:

- PSCI 3500
- 3 hours from each of the following three sub-areas:
 - Determinants of Violence:** CJUS 4330, 4350; EADP 4090; PSCI 4640, 4821, 4825; or when topic is appropriate, ANTH 4600, 4610; HIST 4260, 4262, 4263; PSCI 4700, 4850, 4900.
 - Conflict Management:** AECO 4000, 4120; COMM 3320**; PSCI 4660, 4822, 4823, 4825; or, when topic is appropriate, HIST 4260*; PSCI 4700, 4850, 4900.
 - Issues of Justice:** ANTH 2035, 4050; ECON 3150; HIST 3150, 4390, 4440, 4450, 4455, 4465, 4470, 4780; PSCI 3100*, 4210, 4360, 4520, 4660, 4720, 4800, 4810**, 4823, 4824; SOCI 3330**, 4160, 4540**; or, when topic is appropriate, HIST 4260; PSCI 4490, 4850.

- 9 hours from the approved courses in the three sub-areas above or from: AECO 4420**;
PSCI 3600, 3810; SOCI 4750; ENGL 4800 (when taught as “Literature and the Holocaust”).

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.

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
LANG 2040, Foreign Language (intermediate, may be used to satisfy a portion of Understanding the Human Community requirement)**	3
MATH (above College Algebra, except 1350)**	3
PSCI 1040, American Government*	3
Social and Behavioral Sciences	3
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
Humanities*	3

Visual and Performing Arts*	3
Total	15

SOPHOMORE YEAR

FALL	HOURS
HIST 2610, United States History to 1865*	3
LANG (advanced)	3
Primary Area (advanced)	3
Elective	3
Natural Sciences**	3
Total	15

SPRING	HOURS
HIST 2620, United States History Since 1865*	3
LANG (advanced)	3
Primary Area (advanced)	3
Elective	3
Physical Science**	3
Total	15

JUNIOR YEAR

FALL	HOURS
Primary Area (advanced)	3
Primary Area	3
Secondary Area	3
Elective	3
Laboratory Science**	3
Total	15

SPRING	HOURS
Primary Area (advanced)	3
Primary Area (advanced)	3
Secondary Area	3
Elective (advanced)	3
Elective	3
Total	15

SENIOR YEAR

FALL	HOURS
Primary Area (advanced)	3
Secondary Area	3
Elective (advanced)	2
Elective (advanced)	3
Elective (advanced)	3
Total	15

SPRING	HOURS
Secondary Area	3
Secondary Area	3
Elective (advanced)	3
Elective (advanced)	3
Elective (advanced)	3
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.

Degree Audits

During the sophomore year of enrollment, the student should make a degree audit. The student must bring or send all transcripts of prior college work, if any, to the departmental advisor, with whom an advisory sheet is made. Transcripts and advisory sheets are then taken to General Academic Building, Room 220, for the completion of the degree audit. The process should be completed in time for the next registration period.

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.
 - a. At least one field must be chosen from among those offered in the College of Arts and Sciences.
 - b. 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.
 - c. No more than one field may be selected from a single department within the College of Arts and Sciences.
 - d. A 2.5 grade point average is required on all courses attempted in the major.
 - e. 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
Laboratory Science**	3
Elective	3
Elective	<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.

Teacher Certification

The College of Arts and Sciences encourages students to explore teaching at the secondary level as a career option. The student's academic advisor in the Dean's Office for Undergraduates and Student Advising in GAB, Room 220, can assist students with specific requirements for teacher certification in Social Studies. Upon completion of this program, students will be prepared to sit for the certification examinations in Social Studies.

Requirements: HIST 1050, 1060, 2610, 2620, 4700; 3 hours upper-division United States History and 3 hours upper-division European or African, Asian and Latin American History selected from the approved course lists; ECON 1100, 1110, 3050, and ECON 4100 or 4850; GEOG 1170, 1200, 1710; PSCI 1040, 1050, and PSCI 4200 or 4210; PSYC 1630, 1650; SOCI 1510, SOCI 4160 or 4750; and SOCI 4870. *See major for additional course work and GPA requirements.*

Students must also complete the required 21 hours in upper-level education courses (EDSE 3800, 3830, 4060, 4070, 4108, 4118, 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.

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*	3
Total	15

SPRING	HOURS
ENGL 1320-1323, 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*	3
Total	15

SOPHOMORE YEAR

FALL	HOURS
HIST 2610, United States History to 1865*	3
Elective	3
Elective	3
Humanities*	3
Physical Science**	3
Total	15

SPRING	HOURS
HIST 2620, United States History Since 1865*	3
Laboratory Science	3
Social Science (advanced)	3
Elective	3
Elective	3
Total	15

JUNIOR YEAR

FALL	HOURS
Social Science	3
Social Science (advanced)	3
Elective (advanced)	3
Elective (advanced)	3
Elective	3
Total	15

SPRING	HOURS
Social Science (advanced)	3
Social Science	3
Elective (advanced)	3
Elective (advanced)	3
Elective	3
Total	15

SENIOR YEAR

FALL	HOURS
Social Science (advanced)	3
Social Science (advanced)	3
Social Science (advanced)	3
Elective (advanced)	3
Elective	3
Total	15

SPRING	HOURS
Social Science (advanced)	3
Social Science (advanced)	3
Social Science (advanced)	3
Elective (advanced)	3
Elective	3
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 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 complete a minor of their choice or secondary education courses for teacher certification.

Interdisciplinary Minors

African-American Studies

A minor in African-American studies requires 18 hours, including HIST 4440, 4450 and 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 2350, ANTH 4030, 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, 4120, 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, 4020, 4030, 4040, 4450; BLAW 3430; CJUS 3210; MGMT 3870 or PSYC 3640.

Students interested in this minor should contact Dr. William L. McKee, Institute of Applied Economics, Chilton Hall.

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.

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 3573, 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 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"
- HIST 4261, when taught as "Jewish Women in Modern America" or "The Jewish Experience in America"
- HIST 4263, when taught as "Arab-Israeli Wars" or "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 4800, when taught as “Literature and the Holocaust” or “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 3573, 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”
- PSCI 3700, when taught as “Government and Politics of Israel,”
- RTVF 4415, when taught as “Film and the Holocaust”
- Determinants of Violence: CJUS 4330, 4350; EADP 4090; PSCI 4640, 4821, 4825; or, when topic is appropriate, ANTH 4600, 4610; HIST 4260, 4262, 4263; PSCI 4700 or 4820.
- Conflict Management: AECO 4000, 4120; COMM 3320; PSCI 4660, 4822, 4823, 4825; or, when topic is appropriate, HIST 4260; PSCI 4700, 4850.
- Issues of Justice: ANTH 2035, 4050; ECON 3150; HIST 3150, 4440, 4450, 4455, 4465, 4470, 4780; PADM 4040; PSCI 4210, 4360, 4520, 4660, 4720, 4800, 4810, 4823, 4824; SOCI 3300, 4160, 4540; or, when topic is appropriate, HIST 4260, 4390, 4440, 4315; PSCI 4490, 4820 or 4850, or 4300 (when topic is appropriate).

Any of the following courses may also be taken to fulfill the remaining 6 hours: AECO 4420; HIST 4070, 4260, 4350, 4650, 4660; PSCI 3600, 3810, 4630, 4830; or, when topic is appropriate, ANTH 2350, 4030, 4610; JOUR 4240; SOCI 4160 or 4750. Practicums 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. Twelve hours 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. The additional 6 hours 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.

Study of Sexualities

A minor in the study of sexualities 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 will 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

For more information about a minor in Jewish studies, contact Dr. Richard Golden, Director, Jewish Studies Program, Wooten Hall, by phone at 940-369-8933, or by e-mail at rimg@unt.edu.

Mexican-American Studies

A minor in Mexican-American studies requires 18 hours, including ANTH 3100 (when taught as “Mesoamerica”), HIST 3150 and 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 3100 (when taught as “Latinos in the U.S.”), ENGL 3922, HIST 4155, 4160, 4180 and 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:

choose from a multidisciplinary list of approved courses updated annually. For more information, visit www.hist.unt.edu/sos. Students interested in this minor should contact Dr. Marilyn Morris, Department of History, Wooten Hall.

Women's Studies

A minor in women's studies may be earned by successfully completing 18 semester hours, including WMST 2100, 4100, and four additional 3-hour courses approved for women's studies credit. Nine of the hours taken must be advanced. 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. Students are also encouraged to develop a special project of study in cooperation with these faculty. These special projects may be used to fulfill the requirements for one elective.

Students interested in this minor should contact the Director of Women's Studies, General Academic Building, Room 467, P.O. Box 305189, Denton, TX 76203-5189; 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
P.O. Box 305189
University of North Texas
Denton, TX 76203-5189
940-565-2051
E-mail: dbeck@unt.edu

Debrah Beck, PhD, Director 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

Debrah Beck, PhD
Director of Health Professions
E-mail: dbeck@unt.edu

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

Patavia Whaley, MHR
Allied Health Professions Counselor
E-mail: pwhaley@unt.edu

Premedicine and Pre-Dentistry

The director 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 August.

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. 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 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 Preprofessional 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.

Early Admission

Students seeking admission into medical or dental school prior to earning or without a bachelor's degree should consult the health professions counselors for information on the use of credits earned in basic sciences during the first year of medical or dental school toward a bachelor's degree from UNT.

The University of North Texas and the University of North Texas Health Science Center–Texas College of Osteopathic Medicine (TCOM) have developed a dual degree program. Students in bachelor's degree programs in biology, chemistry or biochemistry may apply for this program. Students should initiate their application at UNTHSC–TCOM. Further information may be obtained by contacting the Office of Medical Student Admissions at 800-535-TCOM (800-535-8266) or the health professions counselors, General Academic Building, Room 220.

Other Health-Related Preprofessional Studies

UNT offers all of 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; or the Pre-Vet Club

- Attend Pre-Health Professions Orientation and information sessions
- 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 (Highland Hall, Room 201, 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 term/semester
- 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 spring/summer
- 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
- 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, 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 Dr. Kimi King, the pre-law advisor, in Wooten Hall, Room 148. E-mail: prelaw@unt.edu.

Department of Biological Sciences

Main Departmental Office
Biological Sciences Building, Room 210
P.O. Box 305220
Denton, TX 76203-5220
940-565-2011

Web site: www.biol.unt.edu

Undergraduate Advising Office
Biological Sciences Building, Room 127
940-565-3627
Fax: 940-565-3821

Art Goven, Chair

Faculty

Professors Atkinson, Beitingger, Burggren, Chapman, Dickson, Dickstein, Fitzpatrick, Fuchs, Goven, Gross, Jagadeeswaran, Kennedy, Kunz, La Point, O'Donovan, Pirtle, Waller, Zimmerman. *Associate Professors* Benjamin, Hunt von Herbing, Root, Schwark, Shah, Sinclair, Smith, Tam, Venables. *Assistant Professors* Ayre, Dzialowski, Huggett, Hughes, Padilla, Roberts, Stevens, Thompson. *Lecturer* Burseson.

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.

Programs of Study

The department offers undergraduate and graduate programs in the following areas:

- Bachelor of Arts with majors in biology and biochemistry;
- Bachelor of Science with a major in cytotechnology;
- Bachelor of Science in Biology;
- Bachelor of Science in Biochemistry;
- Bachelor of Science in Medical Technology;
- Master of Arts,
- Master of Science, and
- Doctor of Philosophy, all with a major in biology;
- Master of Science, and
- Doctor of Philosophy, both with a major in biochemistry;
- Master of Science, and
- Doctor of Philosophy, both with a major in environmental science; and
- Master of Arts,
- Master of Science, and
- Doctor of Philosophy, all with a major in molecular biology.

Concentrations under the biology major at the master's and doctoral level are available in ecology, microbiology and plant science.

Recommended four-year undergraduate courses of study are listed in this catalog. Additional copies are available in the Undergraduate Advising Office, Room 127 of the Biological Sciences Building.

Students seeking teacher certification in secondary education should consult with advisors in both the College of Education and the Department of Biological Sciences. A 2.75 cumulative grade point average is required in the teaching field to enter the certification program. The use of the term "advanced" as applied to courses means any upper-division (3000- or 4000-level) course.

Admission to Majors in Biology and Biochemistry

Entering students interested in majoring in biology or biochemistry will be classified as pre-majors